284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P4860 **Order ID:** P4860

Client: Tetra Tech **Project ID:** Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**DUP-01**							
P4860-01	DUP-01	SOIL	4,4-DDE	0.31	JP	0.13	1.80	ug/kg
P4860-01	DUP-01	SOIL	4,4-DDD	0.26	JP	0.20	1.80	ug/kg
P4860-01	DUP-01	SOIL	alpha-Chlordane	0.29	J	0.18	1.80	ug/kg
P4860-01	DUP-01	SOIL	gamma-Chlordane	0.37	JP	0.20	1.80	ug/kg
			Total Concentration:	**1.230**				
Client ID :	**PH2-BOT-001**							
P4860-02	PH2-BOT-001	SOIL	Dieldrin	0.34	J	0.15	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDE	0.62	J	0.13	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDD	1.30	JP	0.20	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	4,4-DDT	2.10	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	alpha-Chlordane	2.60	P	0.18	1.80	ug/kg
P4860-02	PH2-BOT-001	SOIL	gamma-Chlordane	6.50	P	0.20	1.80	ug/kg
			Total Concentration:	**13.460**				
Client ID :	**PH2-BOT-002**							
P4860-03	PH2-BOT-002	SOIL	4,4-DDE	1.00	JP	0.13	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDD	1.20	J	0.20	1.80	ug/kg
P4860-03	PH2-BOT-002	SOIL	4,4-DDT	2.40	P	0.18	1.80	ug/kg
			Total Concentration:	**4.600**				
Client ID :	**PH2-BOT-003**							
P4860-04	PH2-BOT-003	SOIL	4,4-DDD	0.53	JP	0.19	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	4,4-DDT	0.34	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	alpha-Chlordane	1.50	J	0.17	1.70	ug/kg
P4860-04	PH2-BOT-003	SOIL	gamma-Chlordane	1.20	JP	0.19	1.70	ug/kg
			Total Concentration:	**3.570**				
Client ID :	**PH2-BOT-004**							
P4860-05	PH2-BOT-004	SOIL	4,4-DDE	0.17	J	0.13	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDD	0.97	J	0.19	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	4,4-DDT	2.20		0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	alpha-Chlordane	0.65	JP	0.17	1.70	ug/kg
P4860-05	PH2-BOT-004	SOIL	gamma-Chlordane	0.42	J	0.19	1.70	ug/kg
			Total Concentration:	**4.410**				
Client ID :	**PH2-BOT-008**							
P4860-07	PH2-BOT-008	SOIL	4,4-DDD	2.10	P	0.20	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	4,4-DDT	0.87	JP	0.18	1.80	ug/kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: P4860 **Order ID:** P4860

Client: Tetra Tech **Project ID:** Ocean County Landfill 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	SOIL	alpha-Chlordane	1.40	JP	0.18	1.80	ug/kg
P4860-07	PH2-BOT-008	SOIL	gamma-Chlordane	1.30	JP	0.20	1.80	ug/kg
			Total Concentration:	**5.670**				
Client ID :	**PH2-BOT-007**							
P4860-08	PH2-BOT-007	SOIL	4,4-DDE	0.48	J	0.13	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDD	1.00	J	0.19	1.70	ug/kg
P4860-08	PH2-BOT-007	SOIL	4,4-DDT	1.70	P	0.17	1.70	ug/kg
			Total Concentration:	**3.180**				

SAMPLE DATA

Raw Data: **PL093141.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	DUP-01	SDG No.:	P4860
Lab Sample ID:	P4860-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093141.D	1	11/18/24 08:20	11/19/24 14:18	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.31	JP	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	0.26	JP	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.18	U	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.29	J	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.37	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (10) - 150 (159)	103%	SPK: 20

Raw Data: **PL093141.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	DUP-01	SDG No.:	P4860
Lab Sample ID:	P4860-01	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093141.D	1	11/18/24 08:20	11/19/24 14:18	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093142.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-001	SDG No.:	P4860
Lab Sample ID:	P4860-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093142.D	1	11/18/24 08:20	11/19/24 14:31	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.34	J	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.62	J	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	1.30	JP	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	2.10	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	2.60	P	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	6.50	P	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (10) - 150 (148)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.9		30 (10) - 150 (159)	99%	SPK: 20

Raw Data: **PL093142.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-001	SDG No.:	P4860
Lab Sample ID:	P4860-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093142.D	1	11/18/24 08:20	11/19/24 14:31	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093107.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-002	SDG No.:	P4860
Lab Sample ID:	P4860-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093107.D	1	11/18/24 08:20	11/18/24 12:26	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.49	U	0.49	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	1.00	JP	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	1.20	J	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	2.40	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	0.18	U	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.2		30 (10) - 150 (148)	101%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		30 (10) - 150 (159)	124%	SPK: 20

Raw Data: **PL093107.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-002	SDG No.:	P4860
Lab Sample ID:	P4860-03	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093107.D	1	11/18/24 08:20	11/18/24 12:26	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093108.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-003	SDG No.:	P4860
Lab Sample ID:	P4860-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.8 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093108.D	1	11/18/24 08:20	11/18/24 12:39	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.53	JP	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.34	J	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	1.50	J	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	1.20	JP	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		30 (10) - 150 (148)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.5		30 (10) - 150 (159)	122%	SPK: 20

Raw Data: **PL093108.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-003	SDG No.:	P4860
Lab Sample ID:	P4860-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.8 Decanted:
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093108.D	1	11/18/24 08:20	11/18/24 12:39	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093109.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-004	SDG No.:	P4860
Lab Sample ID:	P4860-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98.1 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093109.D	1	11/18/24 08:20	11/18/24 12:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.17	J	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.97	J	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	2.20		0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.65	JP	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.42	J	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		30 (10) - 150 (148)	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		30 (10) - 150 (159)	117%	SPK: 20

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-004	SDG No.:	P4860
Lab Sample ID:	P4860-05	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98.1 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093109.D	1	11/18/24 08:20	11/18/24 12:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093113.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-009	SDG No.:	P4860
Lab Sample ID:	P4860-06	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093113.D	1	11/18/24 08:20	11/18/24 13:45	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.5	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.9		30 (10) - 150 (148)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.2		30 (10) - 150 (159)	116%	SPK: 20

Raw Data: **PL093113.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-009	SDG No.:	P4860
Lab Sample ID:	P4860-06	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98.3 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093113.D	1	11/18/24 08:20	11/18/24 13:45	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093145.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-008	SDG No.:	P4860
Lab Sample ID:	P4860-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093145.D	1	11/18/24 08:20	11/19/24 15:11	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.51	U	0.51	1.80	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.80	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.80	ug/kg
72-20-8	Endrin	0.17	U	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.80	ug/kg
72-54-8	4,4-DDD	2.10	P	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.80	ug/kg
50-29-3	4,4-DDT	0.87	JP	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.80	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.40	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	1.30	JP	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	34.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		30 (10) - 150 (148)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (10) - 150 (159)	104%	SPK: 20

Raw Data: **PL093145.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-008	SDG No.:	P4860
Lab Sample ID:	P4860-07	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	96.8 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093145.D	1	11/18/24 08:20	11/19/24 15:11	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093146.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007	SDG No.:	P4860
Lab Sample ID:	P4860-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093146.D	1	11/18/24 08:20	11/19/24 15:24	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.48	J	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	1.00	J	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	1.70	P	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		30 (10) - 150 (148)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		30 (10) - 150 (159)	85%	SPK: 20

Raw Data: **PL093146.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007	SDG No.:	P4860
Lab Sample ID:	P4860-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093146.D	1	11/18/24 08:20	11/19/24 15:24	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093143.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-006	SDG No.:	P4860
Lab Sample ID:	P4860-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093143.D	1	11/18/24 08:20	11/19/24 14:44	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.5		30 (10) - 150 (148)	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	100%	SPK: 20

Raw Data: **PL093143.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-006	SDG No.:	P4860
Lab Sample ID:	P4860-09	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093143.D	1	11/18/24 08:20	11/19/24 14:44	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093144.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-005	SDG No.:	P4860
Lab Sample ID:	P4860-10	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093144.D	1	11/18/24 08:20	11/19/24 14:57	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.50	U	0.50	1.70	ug/kg
319-86-8	delta-BHC	0.48	U	0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.24	U	0.24	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.31	U	0.31	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.39	U	0.39	1.70	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.40	U	0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.7		30 (10) - 150 (148)	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		30 (10) - 150 (159)	99%	SPK: 20

Raw Data: **PL093144.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-005	SDG No.:	P4860
Lab Sample ID:	P4860-10	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	97.6 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093144.D	1	11/18/24 08:20	11/19/24 14:57	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL092652.D	PIBLK-PL092652.D	Decachlorobiphenyl	1	20	22.7	114		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.6	108		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.7	109		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (77)	150 (126)
I.BLK-PL093098.D	PIBLK-PL093098.D	Decachlorobiphenyl	1	20	20.8	104		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.7	109		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.9	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	22.0	110		30 (77)	150 (126)
P4860-03	PH2-BOT-002	Decachlorobiphenyl	1	20	20.2	101		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	24.7	124		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.4	92		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	21.9	109		30 (10)	150 (159)
P4860-04	PH2-BOT-003	Decachlorobiphenyl	1	20	23.8	119		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	24.5	122		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.9	100		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.3	112		30 (10)	150 (159)
P4860-05	PH2-BOT-004	Decachlorobiphenyl	1	20	21.8	109		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	23.4	117		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	20.8	104		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.3	111		30 (10)	150 (159)
I.BLK-PL093110.D	PIBLK-PL093110.D	Decachlorobiphenyl	1	20	20.4	102		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.6	103		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (77)	150 (126)
P4860-06	PH2-BOT-009	Decachlorobiphenyl	1	20	21.8	109		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	23.2	116		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	21.9	110		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	22.6	113		30 (10)	150 (159)
I.BLK-PL093133.D	PIBLK-PL093133.D	Decachlorobiphenyl	1	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.1	101		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.3	102		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (77)	150 (126)
I.BLK-PL093136.D	PIBLK-PL093136.D	Decachlorobiphenyl	1	20	15.6	78		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.6	93		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	17.6	88		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	17.9	90		30 (77)	150 (126)
PB165046BS	PB165046BS	Decachlorobiphenyl	1	20	14.3	71		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.1	101		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	16.4	82		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (10)	150 (159)
PB165046BL	PB165046BL	Decachlorobiphenyl	1	20	16.7	83		30 (10)	150 (148)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
PB165046BL	PB165046BL	Tetrachloro-m-xylene	1	20	19.4	97		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.9	95		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	18.1	91		30 (10)	150 (159)
P4860-01	DUP-01	Decachlorobiphenyl	1	20	17.2	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.3	101		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.5	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.6	103		30 (10)	150 (159)
P4860-02	PH2-BOT-001	Decachlorobiphenyl	1	20	18.3	91		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.9	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.5	98		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.3	96		30 (10)	150 (159)
P4860-09	PH2-BOT-006	Decachlorobiphenyl	1	20	17.3	86		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.7	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.5	93		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (10)	150 (159)
P4860-10	PH2-BOT-005	Decachlorobiphenyl	1	20	16.5	83		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	19.8	99		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	18.7	94		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	19.7	98		30 (10)	150 (159)
P4860-07	PH2-BOT-008	Decachlorobiphenyl	1	20	17.8	89		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	20.3	102		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	19.4	97		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	20.7	104		30 (10)	150 (159)
P4860-08	PH2-BOT-007	Decachlorobiphenyl	1	20	16.2	81		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	16.4	82		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	17.3	87		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	16.9	85		30 (10)	150 (159)
P4860-08MS	PH2-BOT-007MS	Decachlorobiphenyl	1	20	14.6	73		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	15.2	76		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.9	80		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.6	73		30 (10)	150 (159)
P4860-08MSD	PH2-BOT-007MSD	Decachlorobiphenyl	1	20	14.5	73		30 (10)	150 (148)
		Tetrachloro-m-xylene	1	20	15.1	75		30 (10)	150 (159)
		Decachlorobiphenyl	2	20	15.7	79		30 (10)	150 (148)
		Tetrachloro-m-xylene	2	20	14.2	71		30 (10)	150 (159)
I.BLK-PL093152.D	PIBLK-PL093152.D	Decachlorobiphenyl	1	20	17.5	87		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.7	98		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.0	100		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.0	95		30 (77)	150 (126)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B **DataFile :** PL093147.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**PH2-BOT-007MS**											
P4860-08MS	alpha-BHC	17	0	16.1	ug/kg	95				30 (60)	150 (144)	
	beta-BHC	17	0	16.9	ug/kg	99				30 (54)	150 (143)	
	delta-BHC	17	0	13.5	ug/kg	79				30 (47)	150 (144)	
	gamma-BHC (Lindane)	17	0	15.9	ug/kg	94				30 (61)	150 (140)	
	Heptachlor	17	0	17.0	ug/kg	100				30 (63)	150 (135)	
	Aldrin	17	0	16.5	ug/kg	97				30 (49)	150 (139)	
	Heptachlor epoxide	17	0	16.5	ug/kg	97				30 (32)	150 (180)	
	Endosulfan I	17	0	16.0	ug/kg	94				30 (56)	150 (142)	
	Dieldrin	17	0	17.1	ug/kg	101				30 (47)	150 (161)	
	4,4'-DDE	17	0.48	17.9	ug/kg	102				30 (55)	150 (136)	
	Endrin	17	0	17.8	ug/kg	105				30 (57)	150 (139)	
	Endosulfan II	17	0	16.9	ug/kg	99				30 (40)	150 (163)	
	4,4'-DDD	17	1.00	17.7	ug/kg	98				30 (37)	150 (192)	
	Endosulfan sulfate	17	0	15.9	ug/kg	94				30 (62)	150 (139)	
	4,4'-DDT	17	1.70	17.4	ug/kg	92				30 (51)	150 (146)	
	Methoxychlor	17	0	16.8	ug/kg	99				30 (54)	150 (136)	
	Endrin ketone	17	0	16.1	ug/kg	95				30 (60)	150 (129)	
	Endrin aldehyde	17	0	15.7	ug/kg	92				30 (59)	150 (132)	
	alpha-Chlordane	17	0	17.4	ug/kg	102				30 (30)	150 (192)	
	gamma-Chlordane	17	0	17.2	ug/kg	101				30 (44)	150 (175)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B **DataFile :** PL093148.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**PH2-BOT-007MSD**											
P4860-08MSD	alpha-BHC	16.98	0	15.9	ug/kg	94		1		30 (60)	150 (144)	30 (20)
	beta-BHC	16.98	0	16.6	ug/kg	98		1		30 (54)	150 (143)	30 (20)
	delta-BHC	16.98	0	13.3	ug/kg	78		1		30 (47)	150 (144)	30 (20)
	gamma-BHC (Lindane)	16.98	0	15.6	ug/kg	92		2		30 (61)	150 (140)	30 (20)
	Heptachlor	16.98	0	16.7	ug/kg	98		2		30 (63)	150 (135)	30 (20)
	Aldrin	16.98	0	16.2	ug/kg	95		2		30 (49)	150 (139)	30 (20)
	Heptachlor epoxide	16.98	0	16.3	ug/kg	96		1		30 (32)	150 (180)	30 (20)
	Endosulfan I	16.98	0	15.1	ug/kg	89		5		30 (56)	150 (142)	30 (20)
	Dieldrin	16.98	0	17.0	ug/kg	100		1		30 (47)	150 (161)	30 (20)
	4,4'-DDE	16.98	0.48	17.8	ug/kg	102		0		30 (55)	150 (136)	30 (20)
	Endrin	16.98	0	18.3	ug/kg	108		3		30 (57)	150 (139)	30 (20)
	Endosulfan II	16.98	0	16.8	ug/kg	99		0		30 (40)	150 (163)	30 (20)
	4,4'-DDD	16.98	1.00	18.0	ug/kg	100		2		30 (37)	150 (192)	30 (20)
	Endosulfan sulfate	16.98	0	16.0	ug/kg	94		0		30 (62)	150 (139)	30 (20)
	4,4'-DDT	16.98	1.70	17.6	ug/kg	94		2		30 (51)	150 (146)	30 (20)
	Methoxychlor	16.98	0	16.6	ug/kg	98		1		30 (54)	150 (136)	30 (20)
	Endrin ketone	16.98	0	16.0	ug/kg	94		1		30 (60)	150 (129)	30 (20)
	Endrin aldehyde	16.98	0	15.5	ug/kg	91		1		30 (59)	150 (132)	30 (20)
	alpha-Chlordane	16.98	0	17.0	ug/kg	100		2		30 (30)	150 (192)	30 (20)
	gamma-Chlordane	16.98	0	16.9	ug/kg	100		1		30 (44)	150 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4860

Client: Tetra Tech

Analytical Method: 8081B **Datafile :** PL093139.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB165046BS	alpha-BHC	16.65	17.0	ug/kg	102				40 (84)	140 (123)	
	beta-BHC	16.65	17.1	ug/kg	103				40 (82)	140 (123)	
	delta-BHC	16.65	14.4	ug/kg	86				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.65	16.7	ug/kg	100				40 (83)	140 (125)	
	Heptachlor	16.65	18.1	ug/kg	109				40 (83)	140 (122)	
	Aldrin	16.65	16.4	ug/kg	98				40 (82)	140 (124)	
	Heptachlor epoxide	16.65	17.0	ug/kg	102				40 (83)	140 (120)	
	Endosulfan I	16.65	17.7	ug/kg	106				40 (81)	140 (124)	
	Dieldrin	16.65	17.6	ug/kg	106				40 (85)	140 (121)	
	4,4'-DDE	16.65	18.1	ug/kg	109				40 (81)	140 (123)	
	Endrin	16.65	18.7	ug/kg	112				40 (76)	140 (130)	
	Endosulfan II	16.65	17.8	ug/kg	107				40 (80)	140 (125)	
	4,4'-DDD	16.65	18.1	ug/kg	109				40 (80)	140 (131)	
	Endosulfan sulfate	16.65	16.8	ug/kg	101				40 (81)	140 (122)	
	4,4'-DDT	16.65	17.6	ug/kg	106				40 (70)	140 (129)	
	Methoxychlor	16.65	17.4	ug/kg	105				40 (60)	140 (119)	
	Endrin ketone	16.65	17.1	ug/kg	103				40 (77)	140 (132)	
	Endrin aldehyde	16.65	16.8	ug/kg	101				40 (79)	140 (124)	
	alpha-Chlordane	16.65	17.7	ug/kg	106				40 (84)	140 (120)	
	gamma-Chlordane	16.65	17.8	ug/kg	107				40 (83)	140 (122)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165046BL

Lab Name: CHEMTECH Contract: CORN02

Lab Code: CHEM Case No.: P4860 SAS No.: P4860 SDG NO.: P4860

Lab Sample ID: PB165046BL Lab File ID: PL093140.D

Matrix: (soil/water) Solid Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 11/18/2024

Date Analyzed (1): 11/19/2024 Date Analyzed (2): 11/19/2024

Time Analyzed (1): 14:05 Time Analyzed (2): 14:05

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PH2-BOT-002	P4860-03	PL093107.D	11/18/2024	11/18/2024
PH2-BOT-003	P4860-04	PL093108.D	11/18/2024	11/18/2024
PH2-BOT-004	P4860-05	PL093109.D	11/18/2024	11/18/2024
PH2-BOT-009	P4860-06	PL093113.D	11/18/2024	11/18/2024
PB165046BS	PB165046BS	PL093139.D	11/19/2024	11/19/2024
DUP-01	P4860-01	PL093141.D	11/19/2024	11/19/2024
PH2-BOT-001	P4860-02	PL093142.D	11/19/2024	11/19/2024
PH2-BOT-006	P4860-09	PL093143.D	11/19/2024	11/19/2024
PH2-BOT-005	P4860-10	PL093144.D	11/19/2024	11/19/2024
PH2-BOT-008	P4860-07	PL093145.D	11/19/2024	11/19/2024
PH2-BOT-007	P4860-08	PL093146.D	11/19/2024	11/19/2024
PH2-BOT-007MS	P4860-08MS	PL093147.D	11/19/2024	11/19/2024
PH2-BOT-007MSD	P4860-08MSD	PL093148.D	11/19/2024	11/19/2024

COMMENTS:

QC SAMPLE DATA

Raw Data: **PL093140.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BL	SDG No.:	P4860
Lab Sample ID:	PB165046BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093140.D	1	11/18/24 08:20	11/19/24 14:05	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.18	U	0.18	1.70	ug/kg
319-85-7	beta-BHC	0.49	U	0.49	1.70	ug/kg
319-86-8	delta-BHC	0.47	U	0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.19	U	0.19	1.70	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	1.70	ug/kg
309-00-2	Aldrin	0.14	U	0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	1.70	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	1.70	ug/kg
60-57-1	Dieldrin	0.15	U	0.15	1.70	ug/kg
72-55-9	4,4-DDE	0.13	U	0.13	1.70	ug/kg
72-20-8	Endrin	0.16	U	0.16	1.70	ug/kg
33213-65-9	Endosulfan II	0.30	U	0.30	1.70	ug/kg
72-54-8	4,4-DDD	0.19	U	0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	1.70	ug/kg
72-43-5	Methoxychlor	0.38	U	0.38	1.70	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.39	U	0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.17	U	0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.19	U	0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		30 (10) - 150 (148)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		30 (10) - 150 (159)	97%	SPK: 20

Raw Data: **PL093140.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BL	SDG No.:	P4860
Lab Sample ID:	PB165046BL	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093140.D	1	11/18/24 08:20	11/19/24 14:05	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	10/28/24
Project:	Ocean County Landfill 2024	Date Received:	10/28/24
Client Sample ID:	PIBLK-PL092652.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL092652.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092652.D	1		10/28/24	PL102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		30 (43) - 150 (140)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		30 (77) - 150 (126)	108%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	10/28/24
Project:	Ocean County Landfill 2024	Date Received:	10/28/24
Client Sample ID:	PIBLK-PL092652.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL092652.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092652.D	1		10/28/24	PL102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093098.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093098.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093098.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (77) - 150 (126)	110%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093098.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093098.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093098.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093110.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093110.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093110.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		30 (43) - 150 (140)	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		30 (77) - 150 (126)	104%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093110.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093110.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093110.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093133.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093133.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093133.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.3		30 (43) - 150 (140)	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (77) - 150 (126)	102%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/18/24
Project:	Ocean County Landfill 2024	Date Received:	11/18/24
Client Sample ID:	PIBLK-PL093133.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093133.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093133.D	1		11/18/24	pl111824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/19/24
Project:	Ocean County Landfill 2024	Date Received:	11/19/24
Client Sample ID:	PIBLK-PL093136.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093136.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093136.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		30 (43) - 150 (140)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.6		30 (77) - 150 (126)	93%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/19/24
Project:	Ocean County Landfill 2024	Date Received:	11/19/24
Client Sample ID:	PIBLK-PL093136.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093136.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093136.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/19/24
Project:	Ocean County Landfill 2024	Date Received:	11/19/24
Client Sample ID:	PIBLK-PL093152.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093152.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093152.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		30 (43) - 150 (140)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.7		30 (77) - 150 (126)	98%	SPK: 20

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/19/24
Project:	Ocean County Landfill 2024	Date Received:	11/19/24
Client Sample ID:	PIBLK-PL093152.D	SDG No.:	P4860
Lab Sample ID:	I.BLK-PL093152.D	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093152.D	1		11/19/24	PL111924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093139.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BS	SDG No.:	P4860
Lab Sample ID:	PB165046BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093139.D	1	11/18/24 08:20	11/19/24 13:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	17.0		0.18	1.70	ug/kg
319-85-7	beta-BHC	17.1		0.49	1.70	ug/kg
319-86-8	delta-BHC	14.4		0.47	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	16.7		0.19	1.70	ug/kg
76-44-8	Heptachlor	18.1		0.17	1.70	ug/kg
309-00-2	Aldrin	16.4		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	17.0		0.23	1.70	ug/kg
959-98-8	Endosulfan I	17.7		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.6		0.15	1.70	ug/kg
72-55-9	4,4-DDE	18.1		0.13	1.70	ug/kg
72-20-8	Endrin	18.7		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	17.8		0.30	1.70	ug/kg
72-54-8	4,4-DDD	18.1		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.8		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.17	1.70	ug/kg
72-43-5	Methoxychlor	17.4		0.38	1.70	ug/kg
53494-70-5	Endrin ketone	17.1		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	16.8		0.39	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.7		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.8		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.20	U	5.20	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.4		30 (10) - 150 (148)	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (10) - 150 (159)	101%	SPK: 20

Raw Data: **PL093139.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	
Project:	Ocean County Landfill 2024	Date Received:	
Client Sample ID:	PB165046BS	SDG No.:	P4860
Lab Sample ID:	PB165046BS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093139.D	1	11/18/24 08:20	11/19/24 13:52	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093147.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007MS	SDG No.:	P4860
Lab Sample ID:	P4860-08MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093147.D	1	11/18/24 08:20	11/19/24 15:37	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	16.1		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.9		0.50	1.70	ug/kg
319-86-8	delta-BHC	13.5		0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	15.9		0.19	1.70	ug/kg
76-44-8	Heptachlor	17.0		0.17	1.70	ug/kg
309-00-2	Aldrin	16.5		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.5		0.23	1.70	ug/kg
959-98-8	Endosulfan I	16.0		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.1		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.9		0.13	1.70	ug/kg
72-20-8	Endrin	17.8		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	16.9		0.31	1.70	ug/kg
72-54-8	4,4-DDD	17.7		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	15.9		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.4		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.8		0.39	1.70	ug/kg
53494-70-5	Endrin ketone	16.1		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	15.7		0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.4		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	17.2		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.9		30 (10) - 150 (148)	80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.2		30 (10) - 150 (159)	76%	SPK: 20

Raw Data: **PL093147.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007MS	SDG No.:	P4860
Lab Sample ID:	P4860-08MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093147.D	1	11/18/24 08:20	11/19/24 15:37	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL093148.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007MSD	SDG No.:	P4860
Lab Sample ID:	P4860-08MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093148.D	1	11/18/24 08:20	11/19/24 15:50	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.9		0.18	1.70	ug/kg
319-85-7	beta-BHC	16.6		0.50	1.70	ug/kg
319-86-8	delta-BHC	13.3		0.48	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	15.6		0.19	1.70	ug/kg
76-44-8	Heptachlor	16.7		0.17	1.70	ug/kg
309-00-2	Aldrin	16.2		0.14	1.70	ug/kg
1024-57-3	Heptachlor epoxide	16.3		0.23	1.70	ug/kg
959-98-8	Endosulfan I	15.1		0.17	1.70	ug/kg
60-57-1	Dieldrin	17.0		0.15	1.70	ug/kg
72-55-9	4,4-DDE	17.8		0.13	1.70	ug/kg
72-20-8	Endrin	18.3		0.16	1.70	ug/kg
33213-65-9	Endosulfan II	16.8		0.31	1.70	ug/kg
72-54-8	4,4-DDD	18.0		0.19	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.0		0.13	1.70	ug/kg
50-29-3	4,4-DDT	17.6		0.17	1.70	ug/kg
72-43-5	Methoxychlor	16.6		0.39	1.70	ug/kg
53494-70-5	Endrin ketone	16.0		0.22	1.70	ug/kg
7421-93-4	Endrin aldehyde	15.5		0.40	1.70	ug/kg
5103-71-9	alpha-Chlordane	17.0		0.17	1.70	ug/kg
5103-74-2	gamma-Chlordane	16.9		0.19	1.70	ug/kg
8001-35-2	Toxaphene	5.30	U	5.30	33.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		30 (10) - 150 (148)	79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.1		30 (10) - 150 (159)	75%	SPK: 20

Raw Data: **PL093148.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Tetra Tech	Date Collected:	11/14/24
Project:	Ocean County Landfill 2024	Date Received:	11/14/24
Client Sample ID:	PH2-BOT-007MSD	SDG No.:	P4860
Lab Sample ID:	P4860-08MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	98 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093148.D	1	11/18/24 08:20	11/19/24 15:50	PB165046

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL092655.D RT 075 = PL092656.D

RT 050 = PL092657.D RT 025 = PL092658.D RT 005 = PL092659.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Decachlorobiphenyl	9.05	9.05	9.05	9.05	9.05	9.05	8.95	9.15
delta-BHC	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Dieldrin	6.35	6.35	6.35	6.35	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.79	6.79	6.79	6.79	6.79	6.79	6.69	6.89
Endosulfan sulfate	7.16	7.16	7.16	7.16	7.16	7.16	7.06	7.26
Endrin	6.58	6.58	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Endrin ketone	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.69	5.68	5.68	5.58	5.78
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Tetrachloro-m-xylene	3.54	3.54	3.54	3.54	3.54	3.54	3.44	3.64

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL092655.D RT 075 = PL092656.D

RT 050 = PL092657.D RT 025 = PL092658.D RT 005 = PL092659.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
4,4'-DDE	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
4,4'-DDT	6.04	6.04	6.04	6.04	6.04	6.04	5.94	6.14
Aldrin	4.23	4.23	4.23	4.23	4.23	4.23	4.13	4.33
alpha-BHC	3.28	3.28	3.28	3.28	3.28	3.28	3.18	3.38
alpha-Chlordane	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
beta-BHC	3.91	3.91	3.91	3.91	3.91	3.91	3.81	4.01
Decachlorobiphenyl	7.92	7.92	7.92	7.92	7.92	7.92	7.82	8.02
delta-BHC	4.14	4.14	4.14	4.14	4.14	4.14	4.04	4.24
Dieldrin	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
Endosulfan I	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Endosulfan II	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Endosulfan sulfate	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endrin	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Endrin aldehyde	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Endrin ketone	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
gamma-BHC (Lindane)	3.61	3.61	3.61	3.61	3.61	3.61	3.51	3.71
gamma-Chlordane	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Heptachlor	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Heptachlor epoxide	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Methoxychlor	6.61	6.62	6.62	6.62	6.61	6.61	6.51	6.71
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL092655.D **CF 075 =** PL092656.D

CF 050 = PL092657.D **CF 025 =** PL092658.D **CF 005 =** PL092659.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1810270000	1801980000	1817980000	1967770000	2199620000	1919520000	9
4,4'-DDE	2254070000	2226390000	2230050000	2402470000	2732960000	2369190000	9
4,4'-DDT	1948940000	1933390000	1940720000	2113460000	2412250000	2069750000	10
Aldrin	2847480000	2802990000	2807290000	3047230000	3502400000	3001480000	10
alpha-BHC	3356530000	3271880000	3230400000	3397090000	3701950000	3391570000	5
alpha-Chlordane	2486640000	2469090000	2489960000	2701720000	3093310000	2648140000	10
beta-BHC	1343260000	1339050000	1368530000	1491800000	1684660000	1445460000	10
Decachlorobiphenyl	1738840000	1756630000	1819720000	1998760000	2308800000	1924550000	12
delta-BHC	3067660000	2980040000	2949010000	3119670000	3533000000	3129870000	8
Dieldrin	2486930000	2456960000	2476030000	2679410000	3078050000	2635480000	10
Endosulfan I	2320690000	2313950000	2348370000	2546170000	2977620000	2501360000	11
Endosulfan II	2159880000	2160930000	2205230000	2449960000	2943170000	2383830000	14
Endosulfan sulfate	1974140000	1979440000	2024740000	2239840000	2633550000	2170340000	13
Endrin	2111540000	2103000000	2121260000	2324460000	2723040000	2276660000	12
Endrin aldehyde	1712300000	1718280000	1758160000	1955910000	2245210000	1877970000	12
Endrin ketone	2253830000	2246660000	2273910000	2471090000	2868570000	2422810000	11
gamma-BHC (Lindane)	3198960000	3133030000	3104430000	3278360000	3583040000	3259560000	6
gamma-Chlordane	2496700000	2477960000	2491940000	2703470000	3133120000	2660640000	11
Heptachlor	2817300000	2795570000	2829220000	3064000000	3509480000	3003110000	10
Heptachlor epoxide	2536240000	2521530000	2566410000	2821600000	3361270000	2761410000	13
Methoxychlor	1040530000	1050870000	1078280000	1189160000	1341160000	1140000000	11
Tetrachloro-m-xylene	2319350000	2304070000	2328420000	2512350000	2786990000	2450240000	8

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

LAB FILE ID: **CF 100 =** PL092655.D **CF 075 =** PL092656.D

CF 050 = PL092657.D **CF 025 =** PL092658.D **CF 005 =** PL092659.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	2614880000	2506250000	2443430000	2489210000	2396540000	2490060000	3
4,4'-DDE	3334990000	3225880000	3154950000	3209960000	3182260000	3221610000	2
4,4'-DDT	2797500000	2713050000	2637310000	2653690000	2609750000	2682260000	3
Aldrin	3840860000	3705070000	3619180000	3619340000	3516600000	3660210000	3
alpha-BHC	4282500000	4089170000	3973860000	3934480000	3670850000	3990170000	6
alpha-Chlordane	3409310000	3303380000	3254510000	3329310000	3333630000	3326030000	2
beta-BHC	1625150000	1594840000	1591160000	1661990000	1758110000	1646250000	4
Decachlorobiphenyl	2606810000	2575500000	2605540000	2793460000	3064890000	2729240000	8
delta-BHC	4088000000	3924730000	3802680000	3782230000	3618150000	3843150000	5
Dieldrin	3483370000	3364390000	3290100000	3303460000	3260200000	3340300000	3
Endosulfan I	3111480000	3032780000	2993580000	3072340000	3055530000	3053140000	1
Endosulfan II	2881520000	2813750000	2779930000	2861240000	2829950000	2833280000	1
Endosulfan sulfate	2707530000	2646200000	2623690000	2712350000	2794620000	2696880000	2
Endrin	2969490000	2878380000	2828080000	2876210000	2912860000	2893010000	2
Endrin aldehyde	2273700000	2244250000	2230130000	2333460000	2454860000	2307280000	4
Endrin ketone	3089790000	3023040000	3013060000	3097240000	3120850000	3068800000	2
gamma-BHC (Lindane)	4083950000	3934430000	3833920000	3828430000	3616530000	3859450000	4
gamma-Chlordane	3470230000	3355710000	3294030000	3342020000	3346470000	3361690000	2
Heptachlor	3876200000	3766580000	3709120000	3779090000	3738650000	3773930000	2
Heptachlor epoxide	3405420000	3318630000	3272090000	3352830000	3358060000	3341410000	1
Methoxychlor	1400820000	1385450000	1393920000	1470360000	1489590000	1428030000	3
Tetrachloro-m-xylene	2724750000	2661560000	2643180000	2728430000	2847900000	2721160000	3

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Date(s) Analyzed:** 10/28/2024 10/28/2024

GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	23962400
		2	6.44	6.34	6.54	13823600
		3	7.06	6.96	7.16	79159800
		4	7.15	7.05	7.25	59803700
		5	7.93	7.83	8.03	45329200

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Instrument ID: ECD_L **Date(s) Analyzed:** 10/28/2024 10/28/2024

GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.01	4.91	5.11	19952700
		2	5.33	5.23	5.43	19749600
		3	6.61	6.51	6.71	70222500
		4	6.73	6.63	6.83	98337700
		5	7.05	6.95	7.15	65479700

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 09:59 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 09:59 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL01 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093100.D **Time Analyzed:** 09:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.710	6.610	6.810	51.130	50.000	2.3
4,4'-DDE	6.193	6.093	6.293	50.700	50.000	1.4
4,4'-DDT	7.024	6.923	7.123	48.900	50.000	-2.2
Aldrin	5.258	5.158	5.358	50.880	50.000	1.8
alpha-BHC	3.995	3.896	4.096	54.020	50.000	8.0
alpha-Chlordane	6.019	5.919	6.119	49.680	50.000	-0.6
beta-BHC	4.525	4.425	4.625	52.270	50.000	4.5
Decachlorobiphenyl	9.056	8.954	9.154	48.900	50.000	-2.2
delta-BHC	4.773	4.672	4.872	52.830	50.000	5.7
Dieldrin	6.345	6.245	6.445	49.220	50.000	-1.6
Endosulfan I	6.070	5.970	6.170	49.530	50.000	-0.9
Endosulfan II	6.795	6.694	6.894	47.320	50.000	-5.4
Endosulfan sulfate	7.159	7.058	7.258	48.460	50.000	-3.1
Endrin	6.575	6.474	6.674	49.110	50.000	-1.8
Endrin aldehyde	6.924	6.824	7.024	48.910	50.000	-2.2
Endrin ketone	7.644	7.543	7.743	48.560	50.000	-2.9
gamma-BHC (Lindane)	4.328	4.228	4.428	53.390	50.000	6.8
gamma-Chlordane	5.941	5.841	6.041	49.100	50.000	-1.8
Heptachlor	4.916	4.817	5.017	51.170	50.000	2.3
Heptachlor epoxide	5.685	5.584	5.784	49.800	50.000	-0.4
Methoxychlor	7.500	7.399	7.599	48.780	50.000	-2.4
Tetrachloro-m-xylene	3.539	3.440	3.640	53.540	50.000	7.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL01 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093100.D **Time Analyzed:** 09:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.788	5.689	5.889	58.040	50.000	16.1
4,4'-DDE	5.233	5.135	5.335	57.220	50.000	14.4
4,4'-DDT	6.039	5.940	6.140	54.790	50.000	9.6
Aldrin	4.228	4.129	4.329	57.170	50.000	14.3
alpha-BHC	3.280	3.181	3.381	57.320	50.000	14.6
alpha-Chlordane	5.045	4.945	5.145	56.310	50.000	12.6
beta-BHC	3.909	3.810	4.010	55.860	50.000	11.7
Decachlorobiphenyl	7.915	7.816	8.016	48.710	50.000	-2.6
delta-BHC	4.138	4.039	4.239	57.540	50.000	15.1
Dieldrin	5.365	5.266	5.466	56.890	50.000	13.8
Endosulfan I	5.101	5.002	5.202	56.120	50.000	12.2
Endosulfan II	5.935	5.836	6.036	56.090	50.000	12.2
Endosulfan sulfate	6.338	6.238	6.438	54.570	50.000	9.1
Endrin	5.641	5.541	5.741	56.390	50.000	12.8
Endrin aldehyde	6.114	6.015	6.215	54.990	50.000	10.0
Endrin ketone	6.843	6.743	6.943	54.610	50.000	9.2
gamma-BHC (Lindane)	3.610	3.511	3.711	57.140	50.000	14.3
gamma-Chlordane	4.981	4.882	5.082	57.170	50.000	14.3
Heptachlor	3.948	3.849	4.049	55.490	50.000	11.0
Heptachlor epoxide	4.731	4.632	4.832	56.200	50.000	12.4
Methoxychlor	6.614	6.515	6.715	51.830	50.000	3.7
Tetrachloro-m-xylene	2.777	2.678	2.878	55.280	50.000	10.6

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 13:32 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 13:32 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL02 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093112.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.710	6.610	6.810	50.310	50.000	0.6
4,4'-DDE	6.192	6.093	6.293	49.210	50.000	-1.6
4,4'-DDT	7.024	6.923	7.123	45.840	50.000	-8.3
Aldrin	5.258	5.158	5.358	48.420	50.000	-3.2
alpha-BHC	3.995	3.896	4.096	50.940	50.000	1.9
alpha-Chlordane	6.019	5.919	6.119	47.550	50.000	-4.9
beta-BHC	4.525	4.425	4.625	50.170	50.000	0.3
Decachlorobiphenyl	9.057	8.954	9.154	46.500	50.000	-7.0
delta-BHC	4.772	4.672	4.872	50.200	50.000	0.4
Dieldrin	6.345	6.245	6.445	47.660	50.000	-4.7
Endosulfan I	6.070	5.970	6.170	47.610	50.000	-4.8
Endosulfan II	6.794	6.694	6.894	45.770	50.000	-8.5
Endosulfan sulfate	7.159	7.058	7.258	46.860	50.000	-6.3
Endrin	6.575	6.474	6.674	47.010	50.000	-6.0
Endrin aldehyde	6.925	6.824	7.024	46.630	50.000	-6.7
Endrin ketone	7.644	7.543	7.743	47.200	50.000	-5.6
gamma-BHC (Lindane)	4.327	4.228	4.428	50.430	50.000	0.9
gamma-Chlordane	5.940	5.841	6.041	46.810	50.000	-6.4
Heptachlor	4.916	4.817	5.017	48.620	50.000	-2.8
Heptachlor epoxide	5.684	5.584	5.784	48.080	50.000	-3.8
Methoxychlor	7.501	7.399	7.599	46.550	50.000	-6.9
Tetrachloro-m-xylene	3.539	3.440	3.640	50.600	50.000	1.2

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL02 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093112.D **Time Analyzed:** 13:32

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.788	5.689	5.889	58.030	50.000	16.1
4,4'-DDE	5.233	5.135	5.335	55.620	50.000	11.2
4,4'-DDT	6.039	5.940	6.140	52.430	50.000	4.9
Aldrin	4.228	4.129	4.329	54.850	50.000	9.7
alpha-BHC	3.280	3.181	3.381	54.620	50.000	9.2
alpha-Chlordane	5.044	4.945	5.145	54.410	50.000	8.8
beta-BHC	3.909	3.810	4.010	53.680	50.000	7.4
Decachlorobiphenyl	7.916	7.816	8.016	49.310	50.000	-1.4
delta-BHC	4.138	4.039	4.239	55.290	50.000	10.6
Dieldrin	5.364	5.266	5.466	55.070	50.000	10.1
Endosulfan I	5.100	5.002	5.202	54.510	50.000	9.0
Endosulfan II	5.935	5.836	6.036	55.080	50.000	10.2
Endosulfan sulfate	6.338	6.238	6.438	54.170	50.000	8.3
Endrin	5.640	5.541	5.741	54.960	50.000	9.9
Endrin aldehyde	6.114	6.015	6.215	53.070	50.000	6.1
Endrin ketone	6.843	6.743	6.943	53.870	50.000	7.7
gamma-BHC (Lindane)	3.610	3.511	3.711	54.390	50.000	8.8
gamma-Chlordane	4.981	4.882	5.082	55.500	50.000	11.0
Heptachlor	3.949	3.849	4.049	53.560	50.000	7.1
Heptachlor epoxide	4.731	4.632	4.832	54.300	50.000	8.6
Methoxychlor	6.614	6.515	6.715	51.800	50.000	3.6
Tetrachloro-m-xylene	2.777	2.678	2.878	52.890	50.000	5.8

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 18:21 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.80	6.79	6.69	6.89	-0.01
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.93	6.92	6.82	7.02	-0.01
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/18/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 18:21 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.37	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.94	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.12	6.12	6.02	6.22	0.01
alpha-Chlordane	5.05	5.05	4.95	5.15	0.00
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL03 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093134.D **Time Analyzed:** 18:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.711	6.610	6.810	53.610	50.000	7.2
4,4'-DDE	6.193	6.093	6.293	49.370	50.000	-1.3
4,4'-DDT	7.025	6.923	7.123	41.650	50.000	-16.7
Aldrin	5.258	5.158	5.358	48.800	50.000	-2.4
alpha-BHC	3.995	3.896	4.096	51.090	50.000	2.2
alpha-Chlordane	6.020	5.919	6.119	47.920	50.000	-4.2
beta-BHC	4.526	4.425	4.625	50.040	50.000	0.1
Decachlorobiphenyl	9.056	8.954	9.154	46.980	50.000	-6.0
delta-BHC	4.773	4.672	4.872	50.750	50.000	1.5
Dieldrin	6.345	6.245	6.445	47.910	50.000	-4.2
Endosulfan I	6.070	5.970	6.170	47.810	50.000	-4.4
Endosulfan II	6.795	6.694	6.894	46.520	50.000	-7.0
Endosulfan sulfate	7.159	7.058	7.258	47.130	50.000	-5.7
Endrin	6.575	6.474	6.674	45.630	50.000	-8.7
Endrin aldehyde	6.925	6.824	7.024	46.780	50.000	-6.4
Endrin ketone	7.644	7.543	7.743	48.130	50.000	-3.7
gamma-BHC (Lindane)	4.328	4.228	4.428	50.460	50.000	0.9
gamma-Chlordane	5.941	5.841	6.041	47.340	50.000	-5.3
Heptachlor	4.916	4.817	5.017	48.170	50.000	-3.7
Heptachlor epoxide	5.684	5.584	5.784	48.220	50.000	-3.6
Methoxychlor	7.500	7.399	7.599	42.500	50.000	-15.0
Tetrachloro-m-xylene	3.540	3.440	3.640	49.920	50.000	-0.2

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL03 **Date Analyzed:** 11/18/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093134.D **Time Analyzed:** 18:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.789	5.689	5.889	62.250	50.000	24.5
4,4'-DDE	5.234	5.135	5.335	57.220	50.000	14.4
4,4'-DDT	6.039	5.940	6.140	47.680	50.000	-4.6
Aldrin	4.229	4.129	4.329	56.030	50.000	12.1
alpha-BHC	3.280	3.181	3.381	55.470	50.000	10.9
alpha-Chlordane	5.045	4.945	5.145	55.700	50.000	11.4
beta-BHC	3.910	3.810	4.010	54.670	50.000	9.3
Decachlorobiphenyl	7.915	7.816	8.016	51.160	50.000	2.3
delta-BHC	4.139	4.039	4.239	56.510	50.000	13.0
Dieldrin	5.365	5.266	5.466	56.060	50.000	12.1
Endosulfan I	5.101	5.002	5.202	55.400	50.000	10.8
Endosulfan II	5.935	5.836	6.036	56.100	50.000	12.2
Endosulfan sulfate	6.338	6.238	6.438	55.180	50.000	10.4
Endrin	5.641	5.541	5.741	53.880	50.000	7.8
Endrin aldehyde	6.115	6.015	6.215	55.000	50.000	10.0
Endrin ketone	6.843	6.743	6.943	55.880	50.000	11.8
gamma-BHC (Lindane)	3.610	3.511	3.711	55.180	50.000	10.4
gamma-Chlordane	4.981	4.882	5.082	56.740	50.000	13.5
Heptachlor	3.949	3.849	4.049	53.770	50.000	7.5
Heptachlor epoxide	4.731	4.632	4.832	55.490	50.000	11.0
Methoxychlor	6.614	6.515	6.715	48.760	50.000	-2.5
Tetrachloro-m-xylene	2.778	2.678	2.878	53.760	50.000	7.5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/19/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 13:25 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
beta-BHC	4.53	4.53	4.43	4.63	0.00
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/19/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 13:25 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.91	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.77	2.78	2.68	2.88	0.01
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.93	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.00
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL04 **Date Analyzed:** 11/19/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093138.D **Time Analyzed:** 13:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.709	6.610	6.810	45.790	50.000	-8.4
4,4'-DDE	6.192	6.093	6.293	47.570	50.000	-4.9
4,4'-DDT	7.024	6.923	7.123	46.490	50.000	-7.0
Aldrin	5.258	5.158	5.358	48.710	50.000	-2.6
alpha-BHC	3.995	3.896	4.096	52.100	50.000	4.2
alpha-Chlordane	6.019	5.919	6.119	47.060	50.000	-5.9
beta-BHC	4.525	4.425	4.625	49.340	50.000	-1.3
Decachlorobiphenyl	9.056	8.954	9.154	43.770	50.000	-12.5
delta-BHC	4.772	4.672	4.872	50.420	50.000	0.8
Dieldrin	6.345	6.245	6.445	47.480	50.000	-5.0
Endosulfan I	6.069	5.970	6.170	46.570	50.000	-6.9
Endosulfan II	6.794	6.694	6.894	44.550	50.000	-10.9
Endosulfan sulfate	7.159	7.058	7.258	45.380	50.000	-9.2
Endrin	6.575	6.474	6.674	45.130	50.000	-9.7
Endrin aldehyde	6.924	6.824	7.024	45.920	50.000	-8.2
Endrin ketone	7.644	7.543	7.743	46.100	50.000	-7.8
gamma-BHC (Lindane)	4.327	4.228	4.428	50.340	50.000	0.7
gamma-Chlordane	5.940	5.841	6.041	46.560	50.000	-6.9
Heptachlor	4.916	4.817	5.017	49.110	50.000	-1.8
Heptachlor epoxide	5.684	5.584	5.784	46.940	50.000	-6.1
Methoxychlor	7.500	7.399	7.599	45.290	50.000	-9.4
Tetrachloro-m-xylene	3.539	3.440	3.640	51.060	50.000	2.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL04 **Date Analyzed:** 11/19/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093138.D **Time Analyzed:** 13:25

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.787	5.689	5.889	52.500	50.000	5.0
4,4'-DDE	5.231	5.135	5.335	52.590	50.000	5.2
4,4'-DDT	6.036	5.940	6.140	50.050	50.000	0.1
Aldrin	4.226	4.129	4.329	52.610	50.000	5.2
alpha-BHC	3.277	3.181	3.381	53.410	50.000	6.8
alpha-Chlordane	5.043	4.945	5.145	51.220	50.000	2.4
beta-BHC	3.907	3.810	4.010	51.690	50.000	3.4
Decachlorobiphenyl	7.914	7.816	8.016	48.190	50.000	-3.6
delta-BHC	4.136	4.039	4.239	53.730	50.000	7.5
Dieldrin	5.363	5.266	5.466	52.190	50.000	4.4
Endosulfan I	5.099	5.002	5.202	51.370	50.000	2.7
Endosulfan II	5.932	5.836	6.036	51.590	50.000	3.2
Endosulfan sulfate	6.336	6.238	6.438	50.980	50.000	2.0
Endrin	5.638	5.541	5.741	53.440	50.000	6.9
Endrin aldehyde	6.113	6.015	6.215	50.540	50.000	1.1
Endrin ketone	6.841	6.743	6.943	50.580	50.000	1.2
gamma-BHC (Lindane)	3.607	3.511	3.711	53.150	50.000	6.3
gamma-Chlordane	4.979	4.882	5.082	50.660	50.000	1.3
Heptachlor	3.946	3.849	4.049	52.170	50.000	4.3
Heptachlor epoxide	4.729	4.632	4.832	51.800	50.000	3.6
Methoxychlor	6.612	6.515	6.715	51.180	50.000	2.4
Tetrachloro-m-xylene	2.774	2.678	2.878	51.910	50.000	3.8

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/19/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 16:56 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	4.00	3.90	4.10	0.01
beta-BHC	4.52	4.53	4.43	4.63	0.01
delta-BHC	4.77	4.77	4.67	4.87	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Aldrin	5.25	5.26	5.16	5.36	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.35	6.25	6.45	0.01
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.79	6.69	6.89	0.00
4,4'-DDD	6.71	6.71	6.61	6.81	0.00
Endosulfan sulfate	7.16	7.16	7.06	7.26	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00
Endrin ketone	7.64	7.64	7.54	7.74	0.00
Endrin aldehyde	6.92	6.92	6.82	7.02	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Continuing Calib Date: 11/19/2024 **Initial Calibration Date(s):** 10/28/2024 10/28/2024

Continuing Calib Time: 16:56 **Initial Calibration Time(s):** 14:43 15:36

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.91	7.92	7.82	8.02	0.01
Tetrachloro-m-xylene	2.77	2.78	2.68	2.88	0.01
alpha-BHC	3.28	3.28	3.18	3.38	0.00
beta-BHC	3.91	3.91	3.81	4.01	0.00
delta-BHC	4.14	4.14	4.04	4.24	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Aldrin	4.23	4.23	4.13	4.33	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endosulfan I	5.10	5.10	5.00	5.20	0.00
Dieldrin	5.36	5.37	5.27	5.47	0.01
4,4'-DDE	5.23	5.24	5.14	5.34	0.01
Endrin	5.64	5.64	5.54	5.74	0.00
Endosulfan II	5.93	5.94	5.84	6.04	0.01
4,4'-DDD	5.79	5.79	5.69	5.89	0.01
Endosulfan sulfate	6.34	6.34	6.24	6.44	0.00
4,4'-DDT	6.04	6.04	5.94	6.14	0.00
Methoxychlor	6.61	6.62	6.52	6.72	0.01
Endrin ketone	6.84	6.84	6.74	6.94	0.00
Endrin aldehyde	6.11	6.12	6.02	6.22	0.01
alpha-Chlordane	5.04	5.05	4.95	5.15	0.01
gamma-Chlordane	4.98	4.98	4.88	5.08	0.00

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL05 **Date Analyzed:** 11/19/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093153.D **Time Analyzed:** 16:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.708	6.610	6.810	49.630	50.000	-0.7
4,4'-DDE	6.190	6.093	6.293	50.810	50.000	1.6
4,4'-DDT	7.023	6.923	7.123	48.210	50.000	-3.6
Aldrin	5.254	5.158	5.358	50.970	50.000	1.9
alpha-BHC	3.993	3.896	4.096	55.020	50.000	10.0
alpha-Chlordane	6.017	5.919	6.119	49.550	50.000	-0.9
beta-BHC	4.523	4.425	4.625	52.220	50.000	4.4
Decachlorobiphenyl	9.055	8.954	9.154	47.550	50.000	-4.9
delta-BHC	4.770	4.672	4.872	53.710	50.000	7.4
Dieldrin	6.343	6.245	6.445	49.810	50.000	-0.4
Endosulfan I	6.068	5.970	6.170	49.630	50.000	-0.7
Endosulfan II	6.793	6.694	6.894	47.090	50.000	-5.8
Endosulfan sulfate	7.157	7.058	7.258	48.270	50.000	-3.5
Endrin	6.573	6.474	6.674	48.970	50.000	-2.1
Endrin aldehyde	6.923	6.824	7.024	48.760	50.000	-2.5
Endrin ketone	7.642	7.543	7.743	49.330	50.000	-1.3
gamma-BHC (Lindane)	4.325	4.228	4.428	54.230	50.000	8.5
gamma-Chlordane	5.937	5.841	6.041	49.120	50.000	-1.8
Heptachlor	4.914	4.817	5.017	51.440	50.000	2.9
Heptachlor epoxide	5.682	5.584	5.784	49.830	50.000	-0.3
Methoxychlor	7.499	7.399	7.599	47.670	50.000	-4.7
Tetrachloro-m-xylene	3.536	3.440	3.640	54.430	50.000	8.9

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No.: CCAL05 **Date Analyzed:** 11/19/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL093153.D **Time Analyzed:** 16:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.785	5.689	5.889	59.680	50.000	19.4
4,4'-DDE	5.231	5.135	5.335	57.660	50.000	15.3
4,4'-DDT	6.037	5.940	6.140	54.740	50.000	9.5
Aldrin	4.226	4.129	4.329	56.620	50.000	13.2
alpha-BHC	3.277	3.181	3.381	56.930	50.000	13.9
alpha-Chlordane	5.042	4.945	5.145	55.820	50.000	11.6
beta-BHC	3.907	3.810	4.010	55.370	50.000	10.7
Decachlorobiphenyl	7.914	7.816	8.016	53.650	50.000	7.3
delta-BHC	4.136	4.039	4.239	57.740	50.000	15.5
Dieldrin	5.363	5.266	5.466	56.790	50.000	13.6
Endosulfan I	5.098	5.002	5.202	54.140	50.000	8.3
Endosulfan II	5.933	5.836	6.036	57.070	50.000	14.1
Endosulfan sulfate	6.336	6.238	6.438	56.150	50.000	12.3
Endrin	5.639	5.541	5.741	56.930	50.000	13.9
Endrin aldehyde	6.112	6.015	6.215	55.770	50.000	11.5
Endrin ketone	6.841	6.743	6.943	56.500	50.000	13.0
gamma-BHC (Lindane)	3.608	3.511	3.711	56.860	50.000	13.7
gamma-Chlordane	4.979	4.882	5.082	56.520	50.000	13.0
Heptachlor	3.946	3.849	4.049	55.570	50.000	11.1
Heptachlor epoxide	4.729	4.632	4.832	56.070	50.000	12.1
Methoxychlor	6.613	6.515	6.715	55.250	50.000	10.5
Tetrachloro-m-xylene	2.774	2.678	2.878	55.330	50.000	10.7

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D **Date Analyzed:** 10/28/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:16

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.059	8.960	9.160	19.970	20.000	-0.2
Tetrachloro-m-xylene	3.546	3.500	3.600	19.290	20.000	-3.6
alpha-BHC	4.001	3.950	4.050	9.920	10.000	-0.8
beta-BHC	4.531	4.480	4.580	10.060	10.000	0.6
gamma-BHC (Lindane)	4.334	4.280	4.380	9.660	10.000	-3.4
Endrin	6.580	6.510	6.650	41.060	50.000	-17.9
4,4'-DDT	7.030	6.960	7.100	88.060	100.000	-11.9
Methoxychlor	7.505	7.430	7.580	204.090	250.000	-18.4

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D **Date Analyzed:** 10/28/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 14:16

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.820	8.020	19.080	20.000	-4.6
Tetrachloro-m-xylene	2.778	2.730	2.830	18.500	20.000	-7.5
alpha-BHC	3.281	3.230	3.330	8.630	10.000	-13.7
beta-BHC	3.911	3.860	3.960	9.760	10.000	-2.4
gamma-BHC (Lindane)	3.611	3.560	3.660	8.390	10.000	-16.1
Endrin	5.643	5.570	5.710	44.130	50.000	-11.7
4,4'-DDT	6.042	5.970	6.110	98.070	100.000	-1.9
Methoxychlor	6.616	6.550	6.690	225.800	250.000	-9.7

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093099.D **Date Analyzed:** 11/18/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:46

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.057	8.960	9.160	19.600	20.000	-2.0
Tetrachloro-m-xylene	3.540	3.490	3.590	21.120	20.000	5.6
alpha-BHC	3.995	3.940	4.050	10.880	10.000	8.8
beta-BHC	4.526	4.480	4.580	11.210	10.000	12.1
gamma-BHC (Lindane)	4.328	4.280	4.380	10.580	10.000	5.8
Endrin	6.574	6.500	6.640	43.140	50.000	-13.7
4,4'-DDT	7.026	6.960	7.100	87.940	100.000	-12.1
Methoxychlor	7.502	7.430	7.570	204.340	250.000	-18.3

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093099.D **Date Analyzed:** 11/18/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:46

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.915	7.810	8.020	19.130	20.000	-4.4
Tetrachloro-m-xylene	2.777	2.730	2.830	20.500	20.000	2.5
alpha-BHC	3.279	3.230	3.330	9.980	10.000	-0.2
beta-BHC	3.909	3.860	3.960	11.030	10.000	10.3
gamma-BHC (Lindane)	3.610	3.560	3.660	9.620	10.000	-3.8
Endrin	5.641	5.570	5.710	50.120	50.000	0.2
4,4'-DDT	6.039	5.970	6.110	107.970	100.000	8.0
Methoxychlor	6.614	6.540	6.680	232.330	250.000	-7.1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093111.D **Date Analyzed:** 11/18/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:19

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.056	8.960	9.160	19.590	20.000	-2.1
Tetrachloro-m-xylene	3.539	3.490	3.590	21.050	20.000	5.3
alpha-BHC	3.994	3.940	4.040	10.790	10.000	7.9
beta-BHC	4.525	4.470	4.580	11.350	10.000	13.5
gamma-BHC (Lindane)	4.327	4.280	4.380	10.510	10.000	5.1
Endrin	6.573	6.500	6.640	42.900	50.000	-14.2
4,4'-DDT	7.024	6.950	7.090	86.130	100.000	-13.9
Methoxychlor	7.501	7.430	7.570	203.180	250.000	-18.7

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093111.D **Date Analyzed:** 11/18/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:19

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.915	7.810	8.020	19.480	20.000	-2.6
Tetrachloro-m-xylene	2.777	2.730	2.830	20.570	20.000	2.9
alpha-BHC	3.279	3.230	3.330	9.860	10.000	-1.4
beta-BHC	3.909	3.860	3.960	10.850	10.000	8.5
gamma-BHC (Lindane)	3.609	3.560	3.660	9.470	10.000	-5.3
Endrin	5.640	5.570	5.710	49.940	50.000	-0.1
4,4'-DDT	6.038	5.970	6.110	106.700	100.000	6.7
Methoxychlor	6.614	6.540	6.680	238.650	250.000	-4.5

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093137.D **Date Analyzed:** 11/19/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.054	8.950	9.150	15.450	20.000	-22.8
Tetrachloro-m-xylene	3.536	3.490	3.590	19.640	20.000	-1.8
alpha-BHC	3.992	3.940	4.040	9.820	10.000	-1.8
beta-BHC	4.523	4.470	4.570	9.780	10.000	-2.2
gamma-BHC (Lindane)	4.325	4.270	4.380	10.650	10.000	6.5
Endrin	6.570	6.500	6.640	38.600	50.000	-22.8
4,4'-DDT	7.022	6.950	7.090	79.980	100.000	-20.0
Methoxychlor	7.498	7.430	7.570	187.950	250.000	-24.8

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093137.D **Date Analyzed:** 11/19/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:57

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.913	7.810	8.010	17.000	20.000	-15.0
Tetrachloro-m-xylene	2.773	2.720	2.820	18.680	20.000	-6.6
alpha-BHC	3.276	3.230	3.330	8.980	10.000	-10.2
beta-BHC	3.906	3.860	3.960	9.620	10.000	-3.8
gamma-BHC (Lindane)	3.606	3.560	3.660	8.600	10.000	-14.0
Endrin	5.638	5.570	5.710	44.820	50.000	-10.4
4,4'-DDT	6.035	5.960	6.110	92.760	100.000	-7.2
Methoxychlor	6.612	6.540	6.680	221.790	250.000	-11.3

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Tetra Tech **SDG No.:** P4860

Project: Ocean County Landfill 2024 **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/28/2024 10/28/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/28/2024	13:55	PL092652.D	9.05	3.54
PEM	PEM	10/28/2024	14:16	PL092653.D	9.06	3.55
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	9.05	3.54
PSTDICC100	PSTDICC100	10/28/2024	14:43	PL092655.D	9.05	3.54
PSTDICC075	PSTDICC075	10/28/2024	14:56	PL092656.D	9.05	3.54
PSTDICC050	PSTDICC050	10/28/2024	15:09	PL092657.D	9.05	3.54
PSTDICC025	PSTDICC025	10/28/2024	15:23	PL092658.D	9.05	3.54
PSTDICC005	PSTDICC005	10/28/2024	15:36	PL092659.D	9.05	3.54
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	9.06	3.54
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	9.05	3.54
I.BLK	I.BLK	11/18/2024	09:32	PL093098.D	9.06	3.54
PEM	PEM	11/18/2024	09:46	PL093099.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	09:59	PL093100.D	9.06	3.54
PH2-BOT-002	P4860-03	11/18/2024	12:26	PL093107.D	9.06	3.54
PH2-BOT-003	P4860-04	11/18/2024	12:39	PL093108.D	9.05	3.54
PH2-BOT-004	P4860-05	11/18/2024	12:52	PL093109.D	9.06	3.54
I.BLK	I.BLK	11/18/2024	13:05	PL093110.D	9.06	3.54
PEM	PEM	11/18/2024	13:19	PL093111.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	13:32	PL093112.D	9.06	3.54
PH2-BOT-009	P4860-06	11/18/2024	13:45	PL093113.D	9.06	3.54
I.BLK	I.BLK	11/18/2024	18:08	PL093133.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/18/2024	18:21	PL093134.D	9.06	3.54
I.BLK	I.BLK	11/19/2024	12:44	PL093136.D	9.05	3.54
PEM	PEM	11/19/2024	12:57	PL093137.D	9.05	3.54
PSTDCCC050	PSTDCCC050	11/19/2024	13:25	PL093138.D	9.06	3.54
PB165046BS	PB165046BS	11/19/2024	13:52	PL093139.D	9.05	3.54
PB165046BL	PB165046BL	11/19/2024	14:05	PL093140.D	9.05	3.54
DUP-01	P4860-01	11/19/2024	14:18	PL093141.D	9.05	3.54
PH2-BOT-001	P4860-02	11/19/2024	14:31	PL093142.D	9.05	3.53
PH2-BOT-006	P4860-09	11/19/2024	14:44	PL093143.D	9.05	3.53
PH2-BOT-005	P4860-10	11/19/2024	14:57	PL093144.D	9.05	3.53
PH2-BOT-008	P4860-07	11/19/2024	15:11	PL093145.D	9.05	3.54
PH2-BOT-007	P4860-08	11/19/2024	15:24	PL093146.D	9.05	3.53
PH2-BOT-007MS	P4860-08MS	11/19/2024	15:37	PL093147.D	9.05	3.53
PH2-BOT-007MSD	P4860-08MSD	11/19/2024	15:50	PL093148.D	9.05	3.53
I.BLK	I.BLK	11/19/2024	16:43	PL093152.D	9.05	3.54
PSTDCCC050	PSTDCCC050	11/19/2024	16:56	PL093153.D	9.06	3.54

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Analytical Sequence

Client: Tetra Tech **SDG No.:** P4860

Project: Ocean County Landfill 2024 **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/28/2024 10/28/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/28/2024	13:55	PL092652.D	7.92	2.78
PEM	PEM	10/28/2024	14:16	PL092653.D	7.92	2.78
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	7.92	2.78
PSTDICC100	PSTDICC100	10/28/2024	14:43	PL092655.D	7.92	2.78
PSTDICC075	PSTDICC075	10/28/2024	14:56	PL092656.D	7.92	2.78
PSTDICC050	PSTDICC050	10/28/2024	15:09	PL092657.D	7.92	2.78
PSTDICC025	PSTDICC025	10/28/2024	15:23	PL092658.D	7.92	2.78
PSTDICC005	PSTDICC005	10/28/2024	15:36	PL092659.D	7.92	2.78
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	7.92	2.78
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	7.92	2.78
I.BLK	I.BLK	11/18/2024	09:32	PL093098.D	7.92	2.78
PEM	PEM	11/18/2024	09:46	PL093099.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	09:59	PL093100.D	7.92	2.78
PH2-BOT-002	P4860-03	11/18/2024	12:26	PL093107.D	7.91	2.78
PH2-BOT-003	P4860-04	11/18/2024	12:39	PL093108.D	7.92	2.78
PH2-BOT-004	P4860-05	11/18/2024	12:52	PL093109.D	7.92	2.78
I.BLK	I.BLK	11/18/2024	13:05	PL093110.D	7.92	2.78
PEM	PEM	11/18/2024	13:19	PL093111.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	13:32	PL093112.D	7.92	2.78
PH2-BOT-009	P4860-06	11/18/2024	13:45	PL093113.D	7.92	2.78
I.BLK	I.BLK	11/18/2024	18:08	PL093133.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/18/2024	18:21	PL093134.D	7.92	2.78
I.BLK	I.BLK	11/19/2024	12:44	PL093136.D	7.91	2.77
PEM	PEM	11/19/2024	12:57	PL093137.D	7.91	2.77
PSTDCCC050	PSTDCCC050	11/19/2024	13:25	PL093138.D	7.91	2.77
PB165046BS	PB165046BS	11/19/2024	13:52	PL093139.D	7.91	2.77
PB165046BL	PB165046BL	11/19/2024	14:05	PL093140.D	7.91	2.77
DUP-01	P4860-01	11/19/2024	14:18	PL093141.D	7.91	2.77
PH2-BOT-001	P4860-02	11/19/2024	14:31	PL093142.D	7.91	2.77
PH2-BOT-006	P4860-09	11/19/2024	14:44	PL093143.D	7.91	2.77
PH2-BOT-005	P4860-10	11/19/2024	14:57	PL093144.D	7.91	2.77
PH2-BOT-008	P4860-07	11/19/2024	15:11	PL093145.D	7.91	2.77
PH2-BOT-007	P4860-08	11/19/2024	15:24	PL093146.D	7.91	2.77
PH2-BOT-007MS	P4860-08MS	11/19/2024	15:37	PL093147.D	7.91	2.77
PH2-BOT-007MSD	P4860-08MSD	11/19/2024	15:50	PL093148.D	7.91	2.77
I.BLK	I.BLK	11/19/2024	16:43	PL093152.D	7.91	2.77
PSTDCCC050	PSTDCCC050	11/19/2024	16:56	PL093153.D	7.91	2.77

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUP-01

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-01 **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	0.20	28.1
	2	5.79	5.74	5.84	0.26	
4,4'-DDE	1	6.19	6.14	6.24	0.19	47.2
	2	5.23	5.18	5.28	0.31	
gamma-Chlordane	1	5.94	5.89	5.99	0.37	60.9
	2	4.98	4.93	5.03	0.20	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165046BS

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: PB165046BS **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	15.4	12.2
	2	6.61	6.56	6.66	17.4	
Endrin ketone	1	7.64	7.59	7.69	15.5	9.8
	2	6.84	6.79	6.89	17.1	
alpha-BHC	1	3.99	3.94	4.04	16.7	1.8
	2	3.28	3.23	3.33	17.0	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	16.2	3
	2	3.61	3.56	3.66	16.7	
Heptachlor	1	4.91	4.86	4.96	16.5	9.2
	2	3.95	3.90	4.00	18.1	
Aldrin	1	5.26	5.21	5.31	15.5	5.6
	2	4.23	4.18	4.28	16.4	
beta-BHC	1	4.52	4.47	4.57	16.2	5.4
	2	3.91	3.86	3.96	17.1	
delta-BHC	1	4.77	4.72	4.82	14.4	3.5
	2	4.14	4.09	4.19	13.9	
Heptachlor epoxide	1	5.68	5.63	5.73	15.5	9.2
	2	4.73	4.68	4.78	17.0	
Endosulfan I	1	6.07	6.02	6.12	15.9	10.7
	2	5.10	5.05	5.15	17.7	
gamma-Chlordane	1	5.94	5.89	5.99	15.9	11.3
	2	4.98	4.93	5.03	17.8	
alpha-Chlordane	1	6.02	5.97	6.07	16.1	9.5
	2	5.04	4.99	5.09	17.7	
4,4'-DDE	1	6.19	6.14	6.24	16.2	11.1
	2	5.23	5.18	5.28	18.1	
Dieldrin	1	6.34	6.29	6.39	16.0	9.5
	2	5.36	5.31	5.41	17.6	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB165046BS

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: PB165046BS **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.57	6.52	6.62	15.6	18.1
	2	5.64	5.59	5.69	18.7	
Endosulfan II	1	6.79	6.74	6.84	15.2	15.8
	2	5.93	5.88	5.98	17.8	
4,4'-DDD	1	6.71	6.66	6.76	15.6	14.8
	2	5.79	5.74	5.84	18.1	
4,4'-DDT	1	7.02	6.97	7.07	16.4	7.1
	2	6.04	5.99	6.09	17.6	
Endrin aldehyde	1	6.92	6.87	6.97	15.0	11.3
	2	6.11	6.06	6.16	16.8	
Endosulfan sulfate	1	7.16	7.11	7.21	14.8	12.7
	2	6.34	6.29	6.39	16.8	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-001

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-02 **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	1.30	40.8
	2	5.79	5.74	5.84	0.86	
4,4'-DDT	1	7.03	6.98	7.08	2.10	92.7
	2	6.03	5.98	6.08	0.77	
4,4'-DDE	1	6.19	6.14	6.24	0.62	5.8
	2	5.23	5.18	5.28	0.58	
gamma-Chlordane	1	5.94	5.89	5.99	6.50	102.3
	2	4.98	4.93	5.03	2.10	
alpha-Chlordane	1	6.02	5.97	6.07	2.60	73.7
	2	5.04	4.99	5.09	1.20	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-002

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-03 **Date(s) Analyzed:** 11/18/2024 11/18/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	1.20	0
	2	5.79	5.74	5.84	1.20	
4,4'-DDT	1	7.03	6.98	7.08	2.40	97.3
	2	6.03	5.98	6.08	0.83	
4,4'-DDE	1	6.19	6.14	6.24	1.00	47.5
	2	5.23	5.18	5.28	0.62	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-003

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-04 **Date(s) Analyzed:** 11/18/2024 11/18/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	0.53	36.4
	2	5.79	5.74	5.84	0.37	
4,4'-DDT	1	7.03	6.98	7.08	0.32	6.1
	2	6.03	5.98	6.08	0.34	
alpha-Chlordane	1	6.02	5.97	6.07	1.50	22.2
	2	5.04	4.99	5.09	1.20	
gamma-Chlordane	1	5.94	5.89	5.99	1.20	45.2
	2	4.98	4.93	5.03	0.76	

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-004

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-05 **Date(s) Analyzed:** 11/18/2024 11/18/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	0.97	6.1
	2	5.79	5.74	5.84	0.91	
4,4'-DDT	1	7.02	6.97	7.07	2.20	4.7
	2	6.04	5.99	6.09	2.10	
gamma-Chlordane	1	5.94	5.89	5.99	0.42	14.8
	2	4.98	4.93	5.03	0.36	
alpha-Chlordane	1	6.02	5.97	6.07	0.65	54.3
	2	5.04	4.99	5.09	0.37	
4,4'-DDE	1	6.19	6.14	6.24	0.17	4.2
	2	5.23	5.18	5.28	0.16	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-08 **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	1.00	11.9
	2	5.78	5.73	5.83	0.89	
4,4'-DDT	1	7.03	6.98	7.08	1.70	126.3
	2	6.03	5.98	6.08	0.38	
4,4'-DDE	1	6.19	6.14	6.24	0.48	5.9
	2	5.23	5.18	5.28	0.45	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MS

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-08MS **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	15.1	11.2
	2	5.93	5.88	5.98	16.9	
4,4'-DDD	1	6.71	6.66	6.76	15.6	12.6
	2	5.79	5.74	5.84	17.7	
4,4'-DDT	1	7.02	6.97	7.07	17.1	1.7
	2	6.04	5.99	6.09	17.4	
alpha-BHC	1	3.99	3.94	4.04	15.8	1.9
	2	3.28	3.23	3.33	16.1	
Aldrin	1	5.26	5.21	5.31	15.0	9.5
	2	4.23	4.18	4.28	16.5	
beta-BHC	1	4.52	4.47	4.57	15.9	6.1
	2	3.91	3.86	3.96	16.9	
delta-BHC	1	4.77	4.72	4.82	12.9	4.5
	2	4.14	4.09	4.19	13.5	
Endosulfan I	1	6.07	6.02	6.12	15.1	5.8
	2	5.10	5.05	5.15	16.0	
alpha-Chlordane	1	6.02	5.97	6.07	15.5	11.6
	2	5.04	4.99	5.09	17.4	
4,4'-DDE	1	6.19	6.14	6.24	15.8	12.5
	2	5.23	5.18	5.28	17.9	
Dieldrin	1	6.34	6.29	6.39	15.0	13.1
	2	5.36	5.31	5.41	17.1	
Endrin aldehyde	1	6.92	6.87	6.97	14.0	11.4
	2	6.11	6.06	6.16	15.7	
Endosulfan sulfate	1	7.16	7.11	7.21	14.3	10.6
	2	6.34	6.29	6.39	15.9	
Methoxychlor	1	7.50	7.45	7.55	14.8	12.7
	2	6.61	6.56	6.66	16.8	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MS

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-08MS **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin ketone	1	7.64	7.59	7.69	14.9	7.7
	2	6.84	6.79	6.89	16.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	15.6	1.9
	2	3.61	3.56	3.66	15.9	
Heptachlor	1	4.91	4.86	4.96	16.0	6.1
	2	3.95	3.90	4.00	17.0	
Heptachlor epoxide	1	5.68	5.63	5.73	15.1	8.9
	2	4.73	4.68	4.78	16.5	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	9.1
	2	4.98	4.93	5.03	17.2	
Endrin	1	6.57	6.52	6.62	15.2	15.8
	2	5.64	5.59	5.69	17.8	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MSD

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-08MSD **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.79	6.74	6.84	15.4	8.7
	2	5.93	5.88	5.98	16.8	
4,4'-DDD	1	6.71	6.66	6.76	15.8	13
	2	5.79	5.74	5.84	18.0	
4,4'-DDT	1	7.02	6.97	7.07	17.0	3.5
	2	6.04	5.99	6.09	17.6	
Endrin aldehyde	1	6.92	6.87	6.97	14.0	10.2
	2	6.11	6.06	6.16	15.5	
Endosulfan sulfate	1	7.16	7.11	7.21	14.3	11.2
	2	6.34	6.29	6.39	16.0	
Methoxychlor	1	7.50	7.45	7.55	14.7	12.1
	2	6.61	6.56	6.66	16.6	
Endrin ketone	1	7.64	7.59	7.69	14.9	7.1
	2	6.84	6.79	6.89	16.0	
alpha-BHC	1	3.99	3.94	4.04	15.6	1.9
	2	3.28	3.23	3.33	15.9	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	15.4	1.3
	2	3.61	3.56	3.66	15.6	
Heptachlor	1	4.91	4.86	4.96	15.9	4.9
	2	3.95	3.90	4.00	16.7	
Aldrin	1	5.26	5.21	5.31	14.9	8.4
	2	4.23	4.18	4.28	16.2	
beta-BHC	1	4.52	4.47	4.57	15.6	6.2
	2	3.91	3.86	3.96	16.6	
delta-BHC	1	4.77	4.72	4.82	12.8	3.8
	2	4.14	4.09	4.19	13.3	
Heptachlor epoxide	1	5.68	5.63	5.73	15.1	7.6
	2	4.73	4.68	4.78	16.3	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-007MSD

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-08MSD **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	15.1	0.7
	2	5.10	5.05	5.15	15.0	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	7.4
	2	4.98	4.93	5.03	16.9	
alpha-Chlordane	1	6.02	5.97	6.07	15.4	9.9
	2	5.04	4.99	5.09	17.0	
4,4'-DDE	1	6.19	6.14	6.24	15.7	12.5
	2	5.23	5.18	5.28	17.8	
Dieldrin	1	6.34	6.29	6.39	14.9	13.2
	2	5.36	5.31	5.41	17.0	
Endrin	1	6.57	6.52	6.62	15.2	18.5
	2	5.64	5.59	5.69	18.3	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PH2-BOT-008

Contract: CORN02

Lab Code: CHEM **Case No.:** P4860 **SAS No.:** P4860 **SDG NO.:** P4860

Lab Sample ID: P4860-07 **Date(s) Analyzed:** 11/19/2024 11/19/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

GC Column: (1): ZB-MR2 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR1 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.71	6.66	6.76	2.10	40
	2	5.79	5.74	5.84	1.40	
4,4'-DDT	1	7.02	6.97	7.07	0.60	36.3
	2	6.03	5.98	6.08	0.87	
gamma-Chlordane	1	5.94	5.89	5.99	1.30	55.9
	2	4.98	4.93	5.03	0.73	
alpha-Chlordane	1	6.02	5.97	6.07	1.40	70.1
	2	5.04	4.99	5.09	0.67	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:18
Operator : AR\AJ
Sample : P4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
DUP-01

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:01:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.535	2.774	49665495	55914005	20.270m	20.548
28) SA	Decachlor...	9.054	7.913	33182893	53135966	17.242	19.469
	Target Compounds						
10) B	gamma-Chl...	5.939	4.977	2851546	1924534	1.072m	0.572m#
11) B	alpha-Chl...	6.018	5.040	2229383	1100976	0.842m	0.331m#
12) B	4,4'-DDE	6.188	5.232	1295503	2877447	0.547m	0.893 #
16) A	4,4'-DDD	6.709	5.791	1121988	1914841	0.585m	0.769m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093141.D**

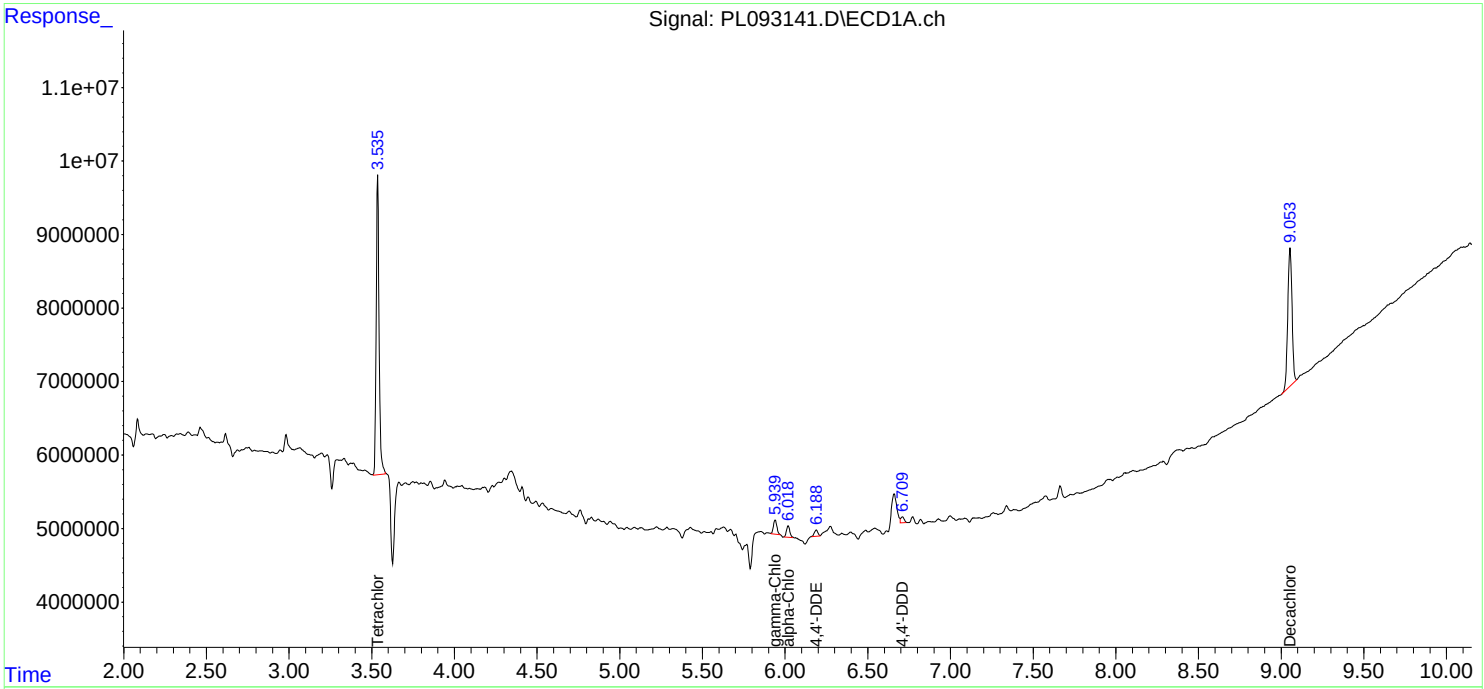
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:18
Operator : AR\AJ
Sample : P4860-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

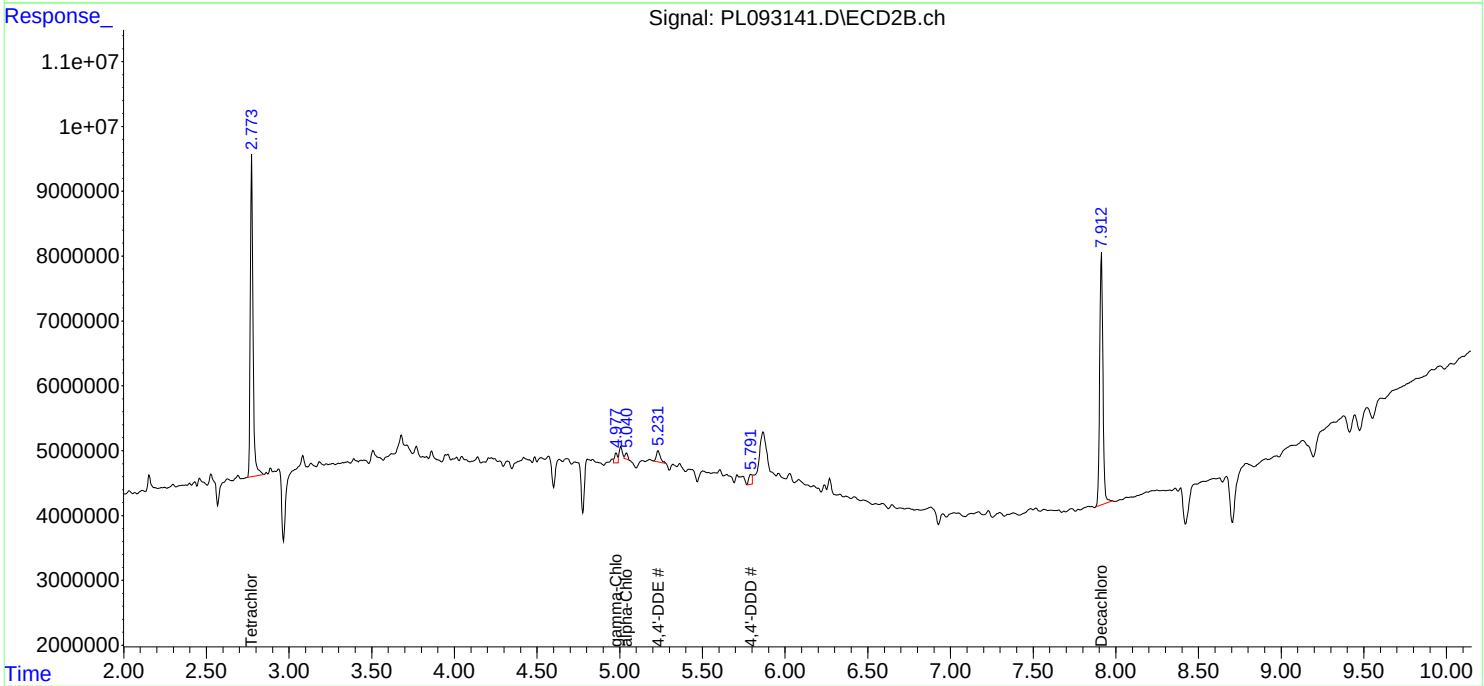
Instrument :
ECD_L
ClientSampleId :
DUP-01

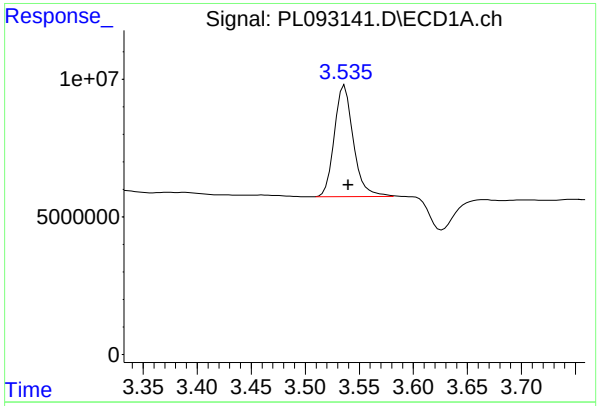
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:01:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







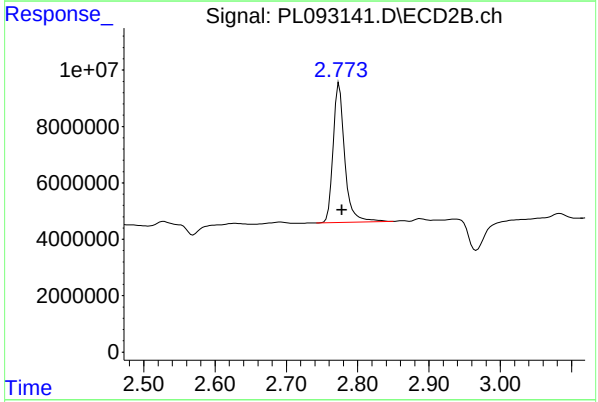
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 49665495
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP-01

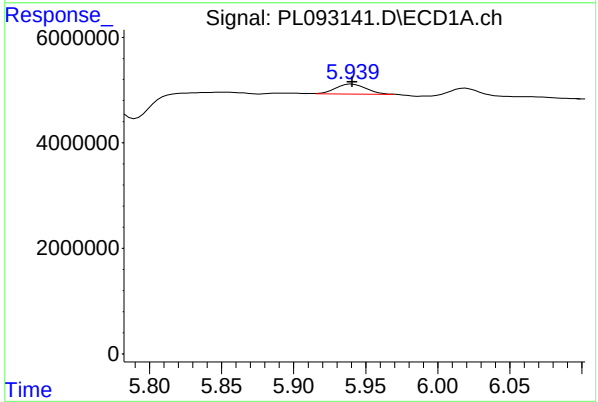
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



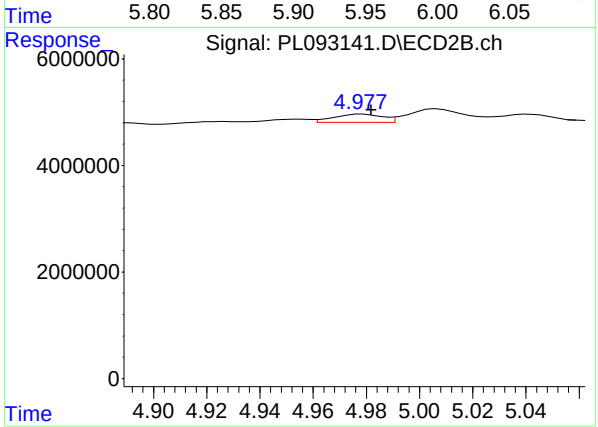
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 55914005
Conc: 20.55 ng/ml



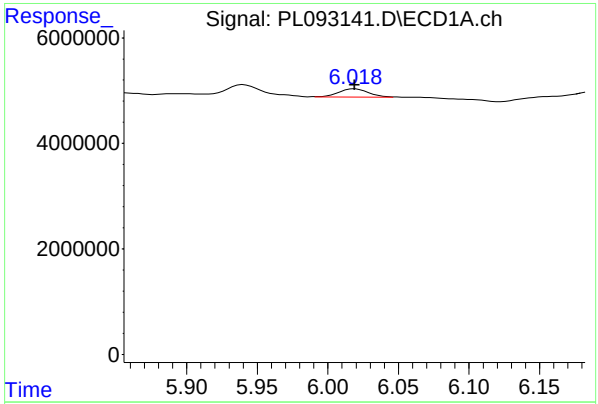
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 2851546
Conc: 1.07 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 1924534
Conc: 0.57 ng/ml m



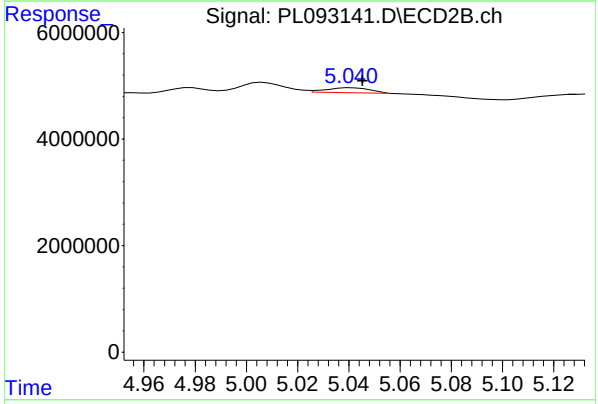
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 2229383
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP-01

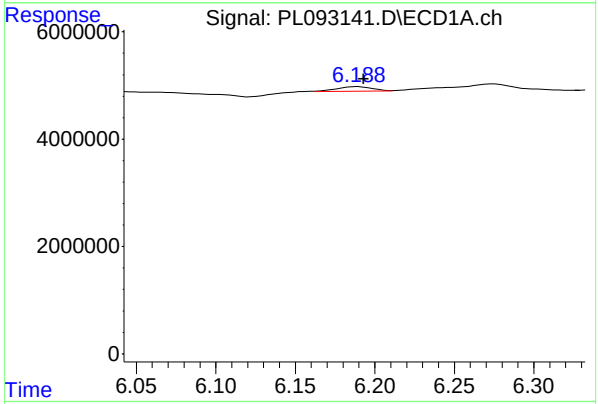
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



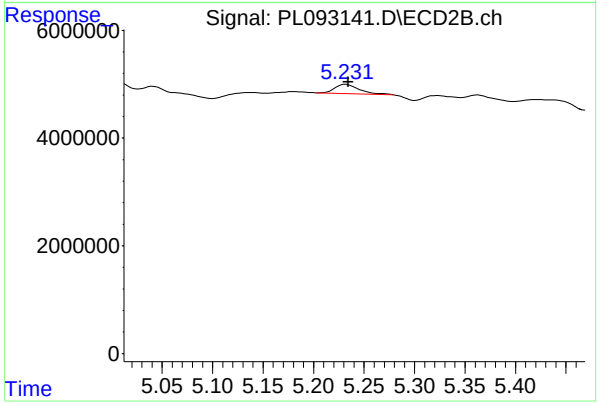
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.006 min
Response: 1100976
Conc: 0.33 ng/ml m



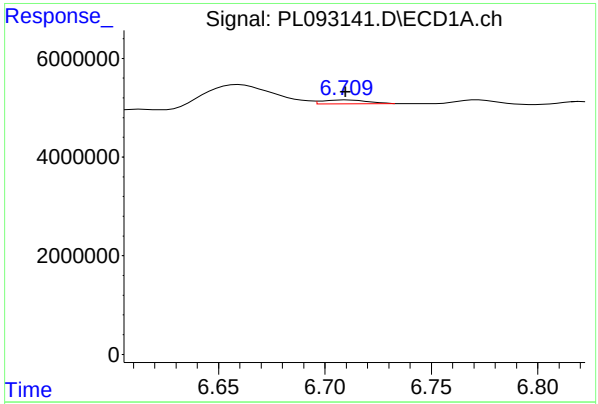
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 1295503
Conc: 0.55 ng/ml m



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 2877447
Conc: 0.89 ng/ml

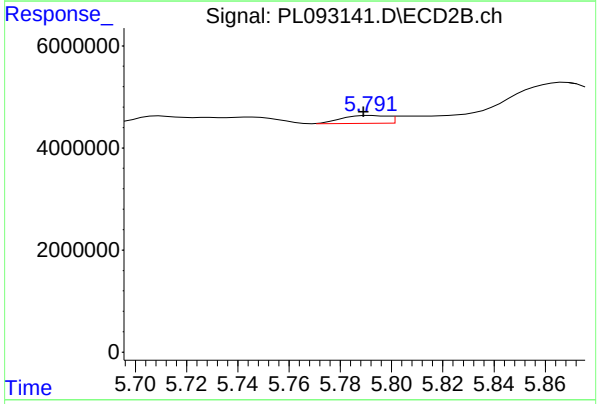


#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 1121988
Conc: 0.58 ng/ml

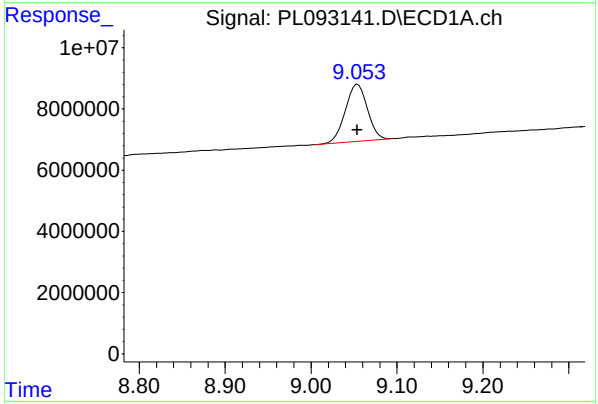
Instrument :
ECD_L
ClientSampleId :
DUP-01

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



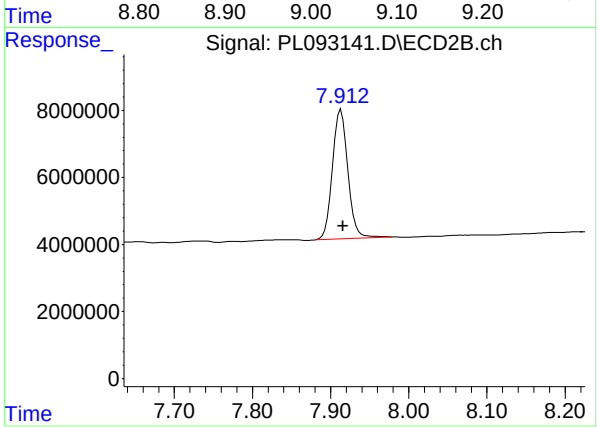
#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 1914841
Conc: 0.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 33182893
Conc: 17.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 53135966
Conc: 19.47 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:31
Operator : AR\AJ
Sample : P4860-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:02:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.773	48680067	52487004	19.867m	19.288
28)	SA Decachlor...	9.054	7.913	35147082	53305010	18.262	19.531
	Target Compounds						
10)	B gamma-Chl...	5.943	4.977	50043080	20886193	18.809m	6.213m#
11)	B alpha-Chl...	6.018	5.039	19746392	11207102	7.457m	3.370m#
12)	B 4,4'-DDE	6.189	5.230	4241053	5437627	1.790	1.688m
13)	MA Dieldrin	6.340	5.362	1009730	3277069	0.383m	0.981m#
16)	A 4,4'-DDD	6.708	5.785	7385202	6229718	3.847m	2.502m#
17)	MA 4,4'-DDT	7.025	6.033	12770587	6005547	6.170m	2.239 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

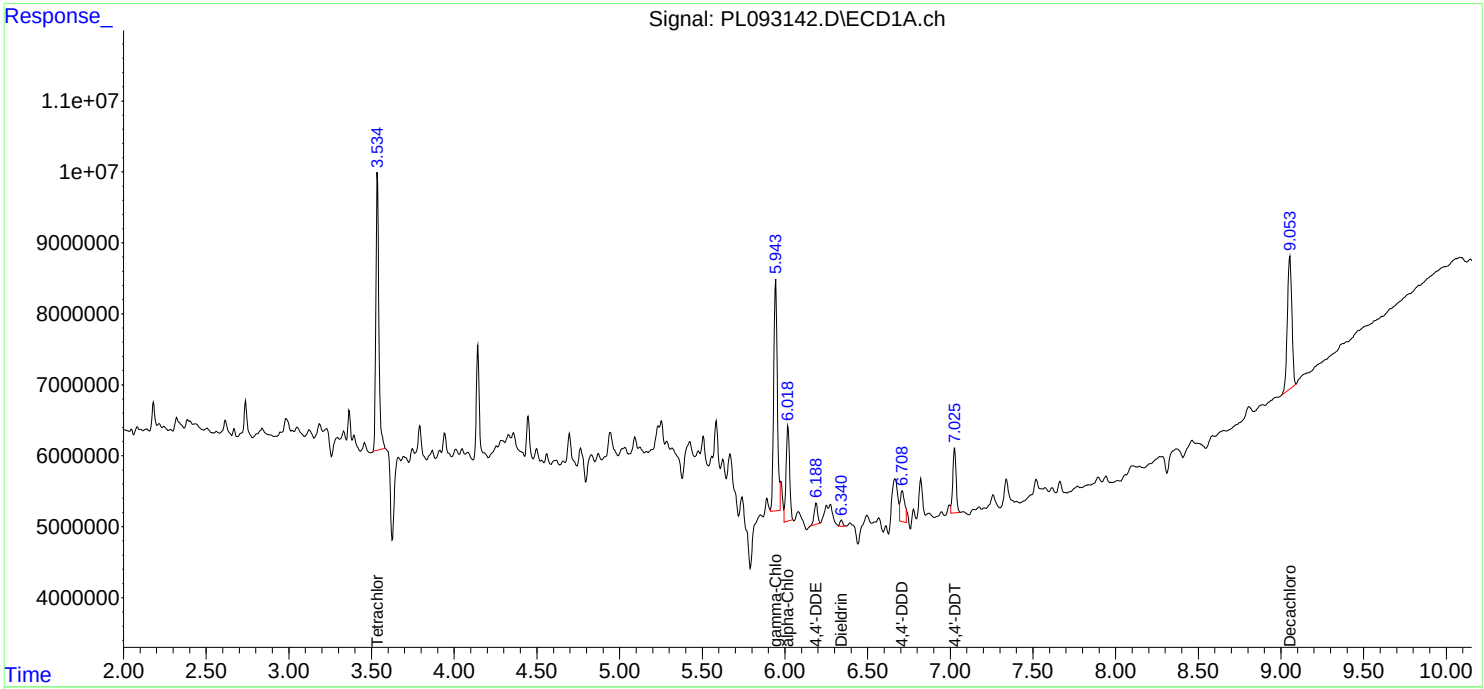
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:31
Operator : AR\AJ
Sample : P4860-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

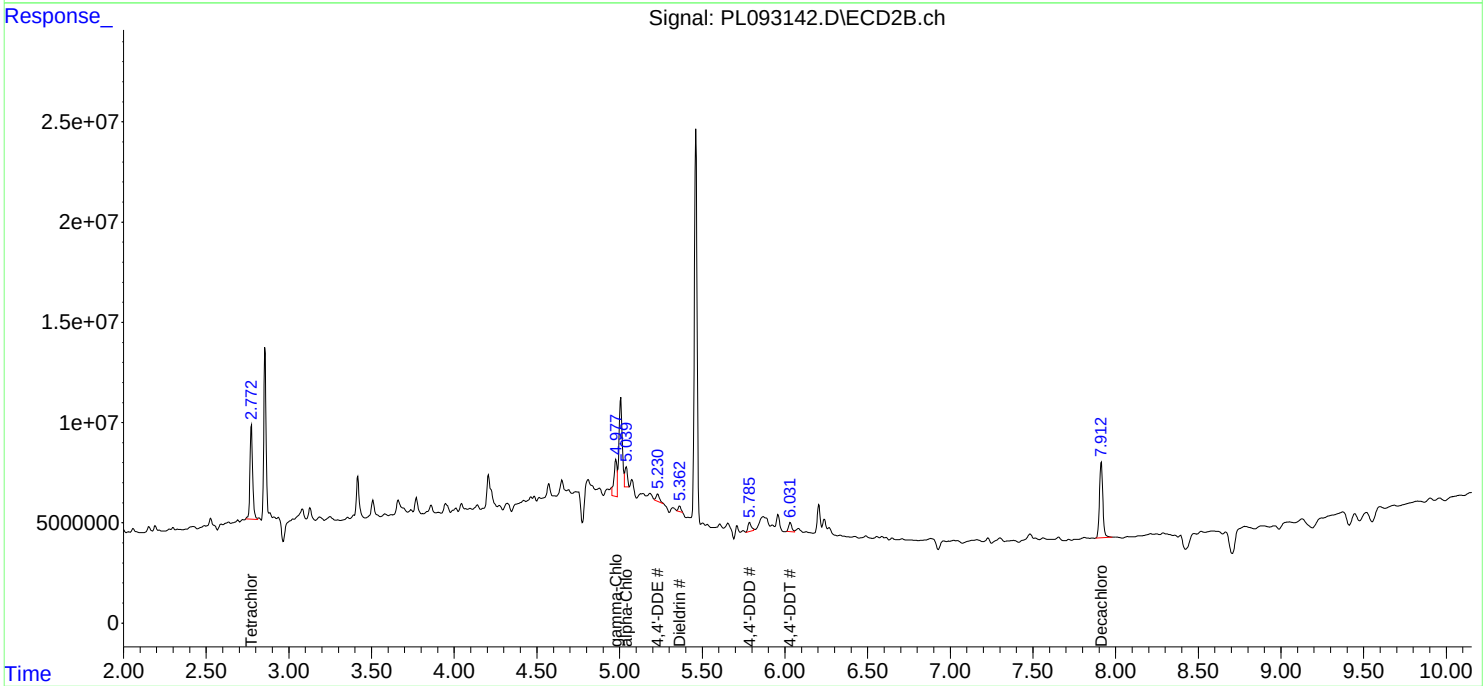
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

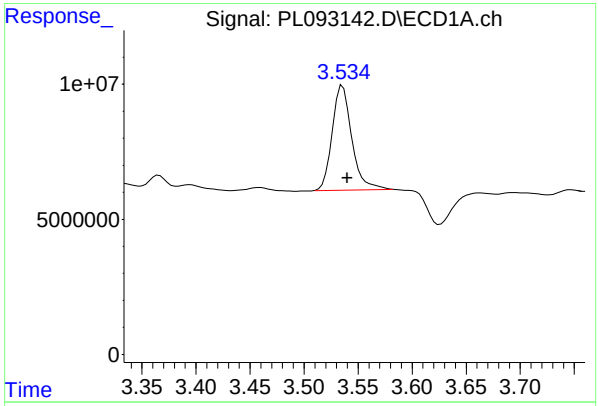
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:02:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







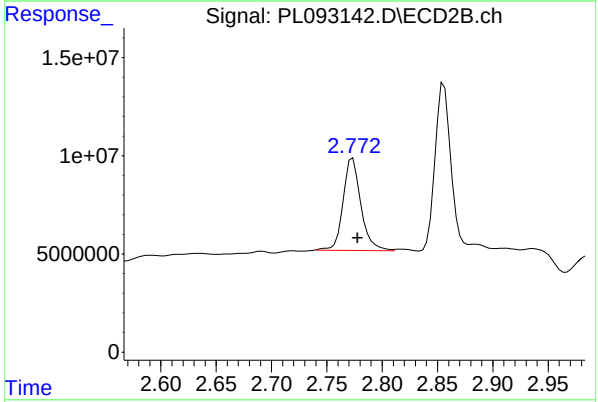
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 mi
Response: 48680067
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

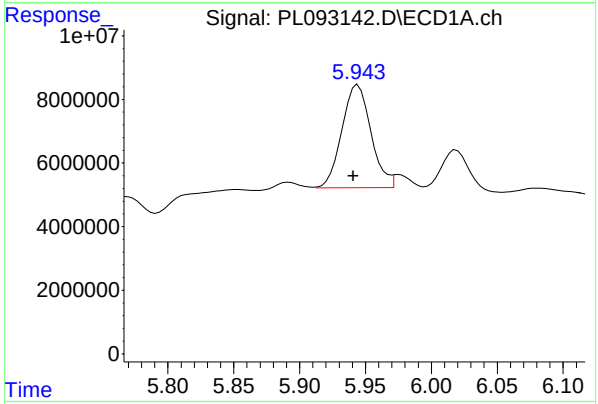
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



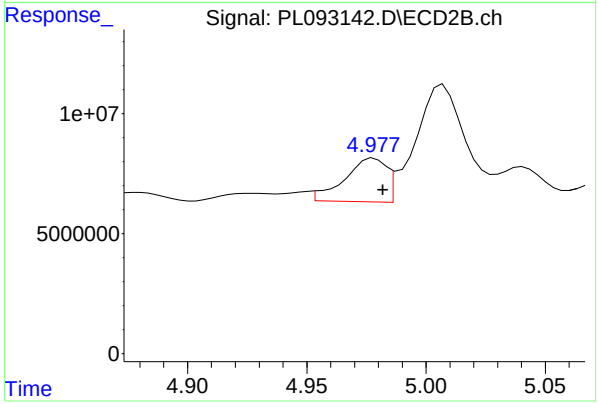
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 52487004
Conc: 19.29 ng/ml



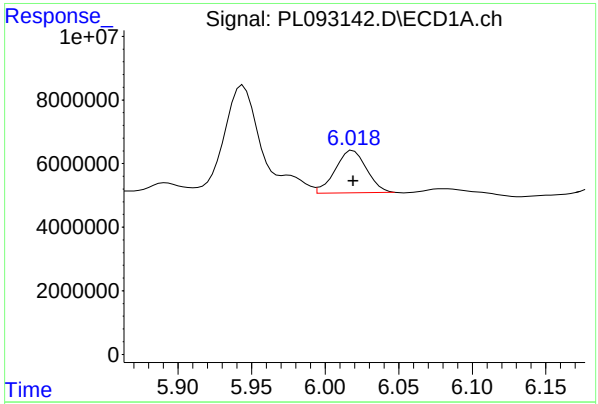
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 50043080
Conc: 18.81 ng/ml m



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 20886193
Conc: 6.21 ng/ml m



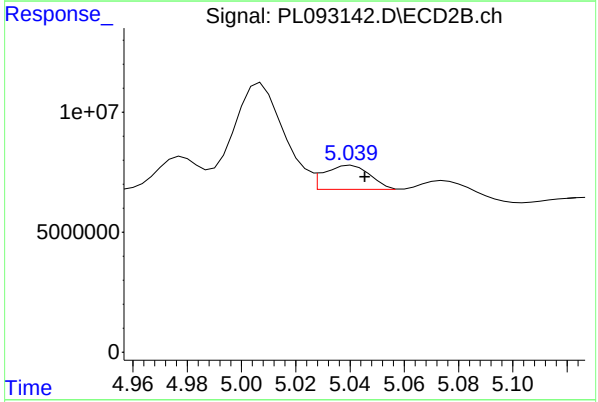
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 mi
Response: 19746392
Conc: 7.46 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

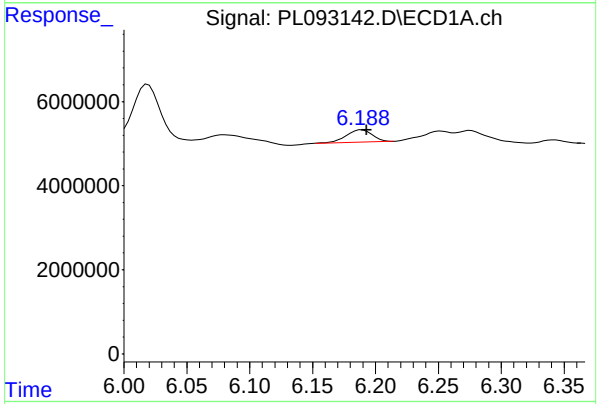
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



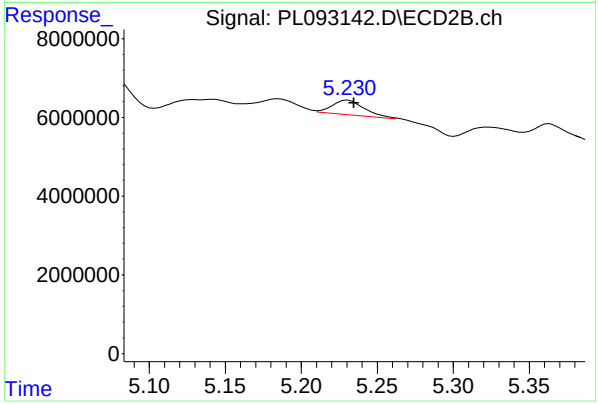
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.006 min
Response: 11207102
Conc: 3.37 ng/ml m



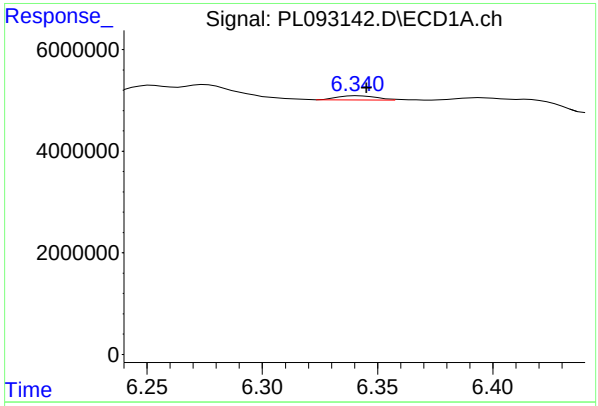
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 4241053
Conc: 1.79 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 5437627
Conc: 1.69 ng/ml m



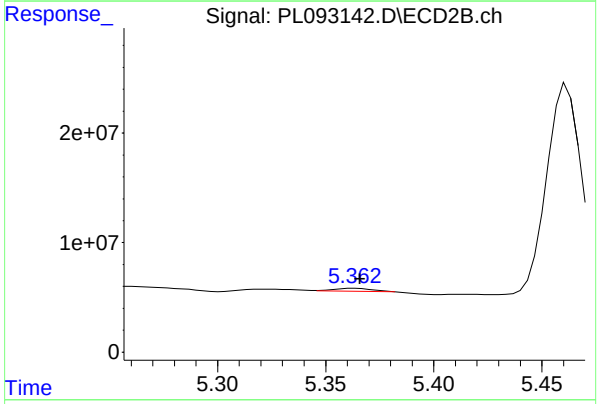
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.005 min
Response: 1009730
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

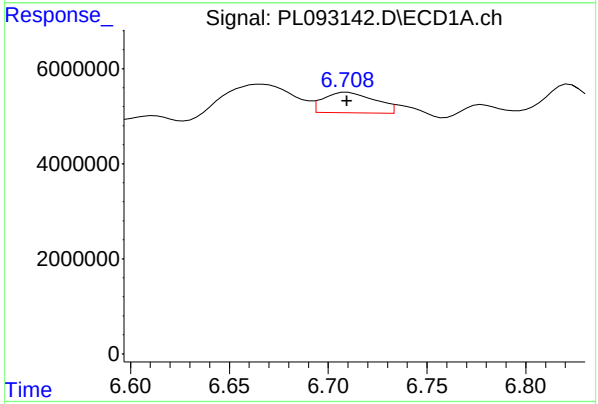
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



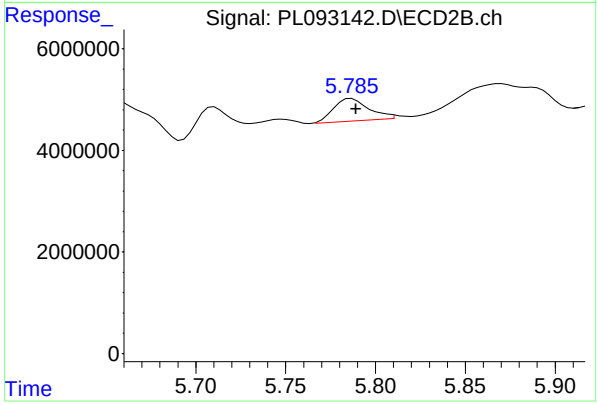
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.004 min
Response: 3277069
Conc: 0.98 ng/ml m



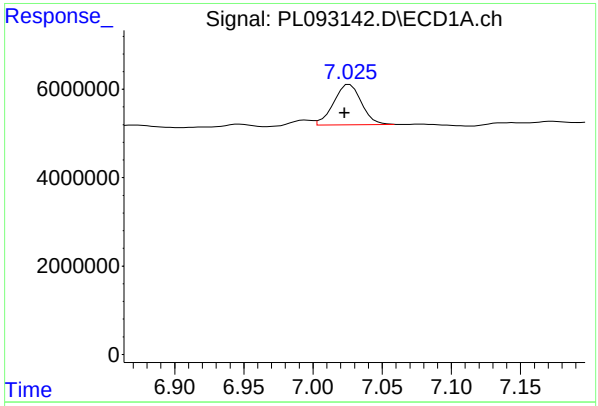
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 7385202
Conc: 3.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 6229718
Conc: 2.50 ng/ml m



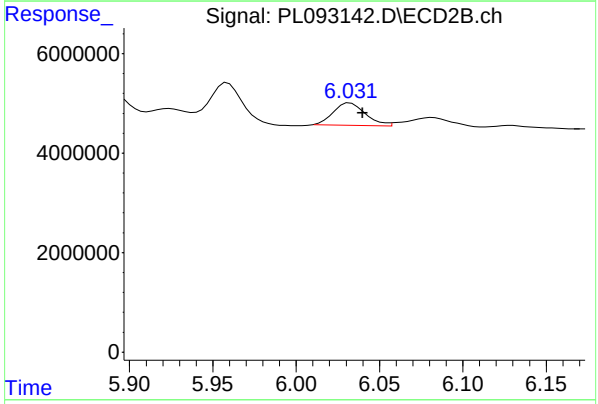
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 12770587
Conc: 6.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-001

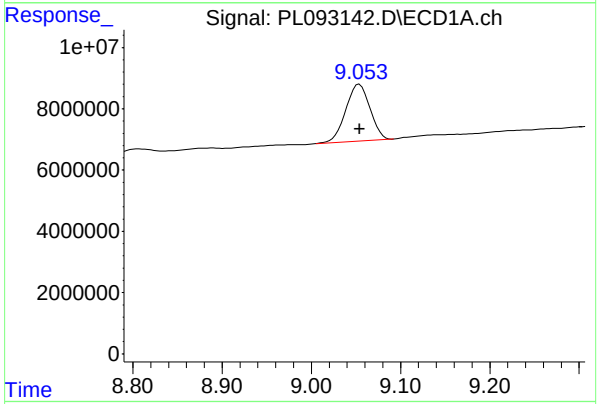
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



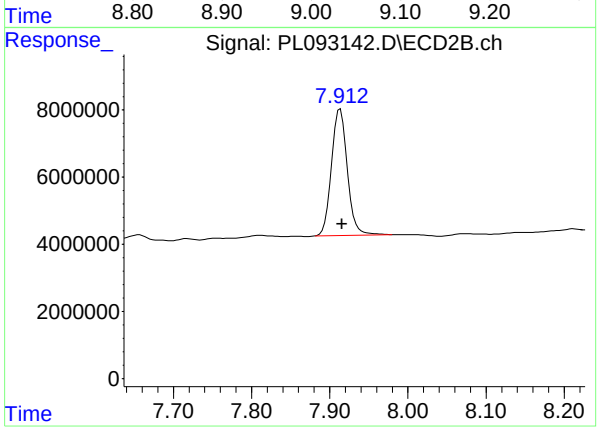
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 6005547
Conc: 2.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 35147082
Conc: 18.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 53305010
Conc: 19.53 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:26
Operator : AR\AJ
Sample : P4860-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.538	2.776	60564452	59549026	24.718m	21.884m
28)	SA Decachlor...	9.055	7.914	38812196	50184984	20.167	18.388
	Target Compounds						
12)	B 4,4'-DDE	6.191	5.231	6971256	5781567	2.942	1.795m#
16)	A 4,4'-DDD	6.708	5.785	6704983	8974051	3.493m	3.604m
17)	MA 4,4'-DDT	7.026	6.034	14683903	6474724	7.095m	2.414 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

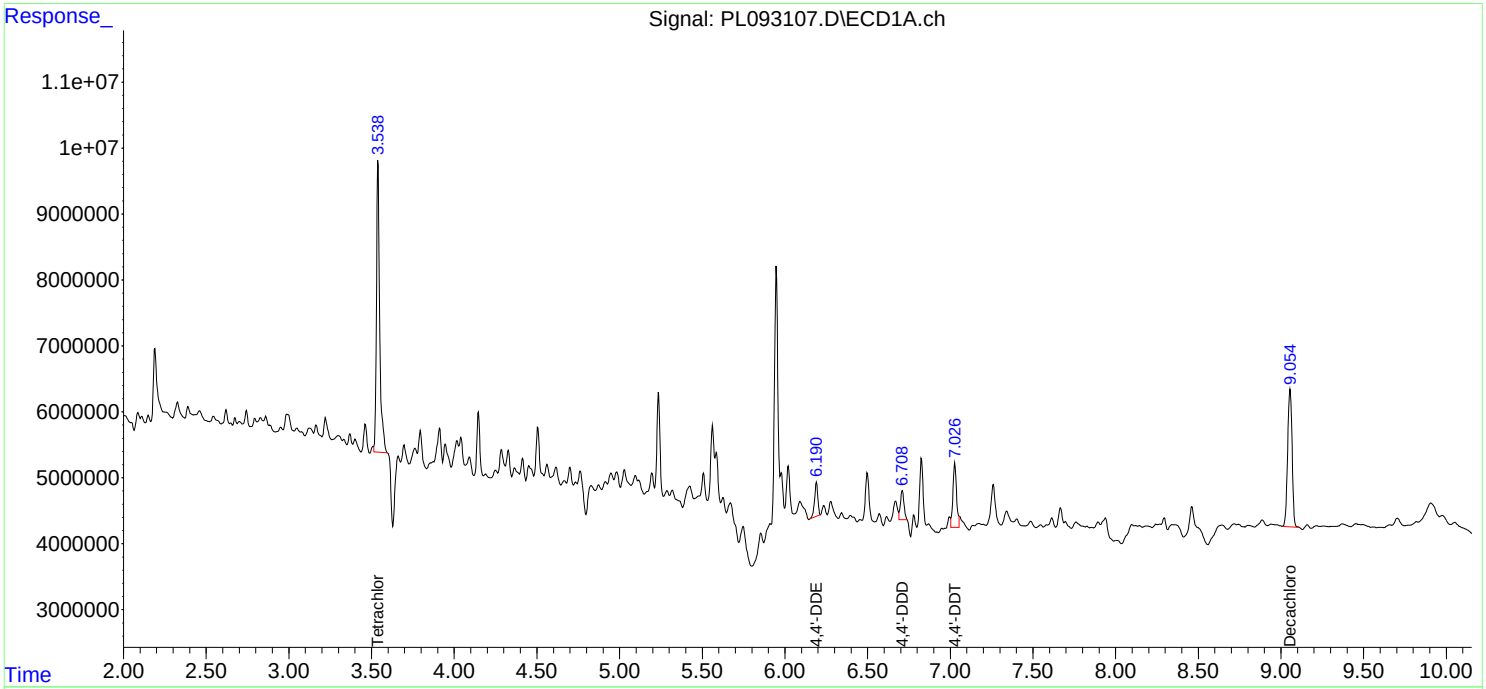
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:26
Operator : AR\AJ
Sample : P4860-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

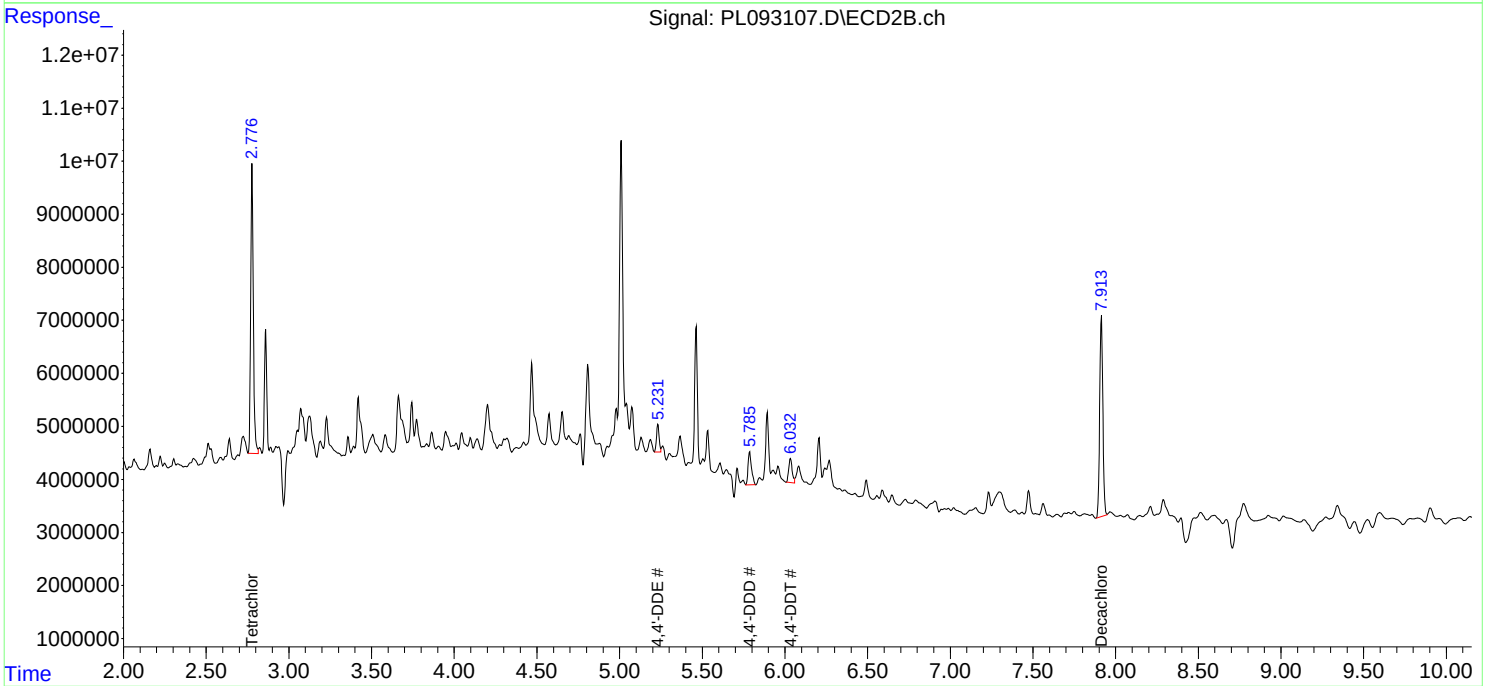
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

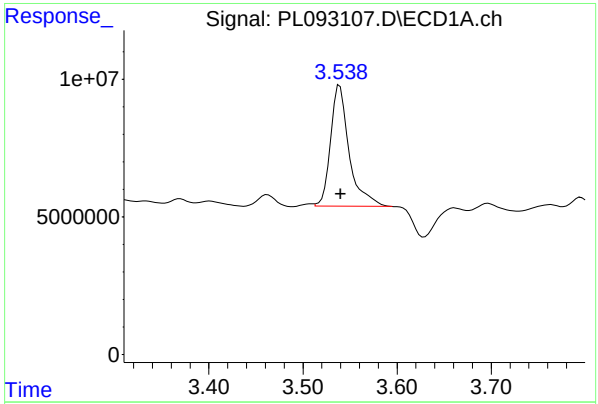
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







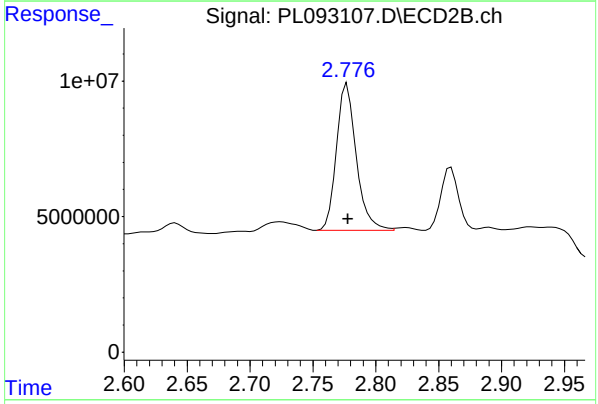
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 mi
Response: 60564452
Conc: 24.72 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

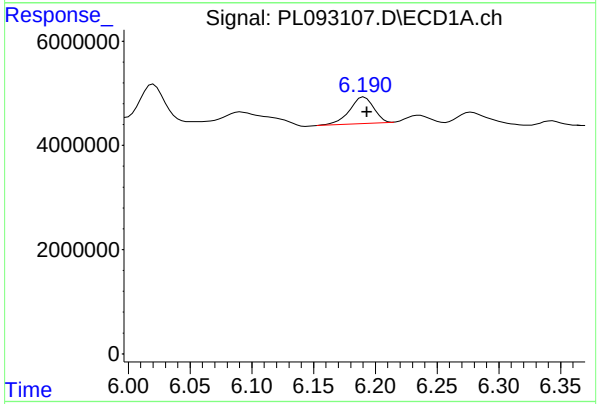
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



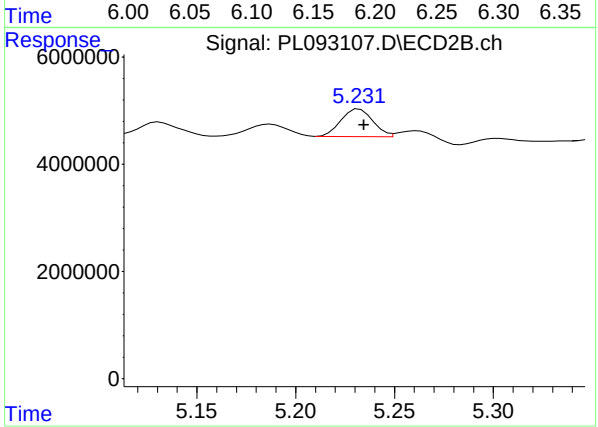
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 59549026
Conc: 21.88 ng/ml m



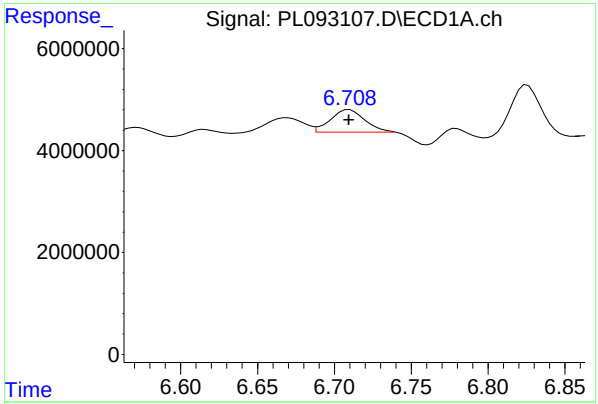
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 6971256
Conc: 2.94 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 5781567
Conc: 1.79 ng/ml m



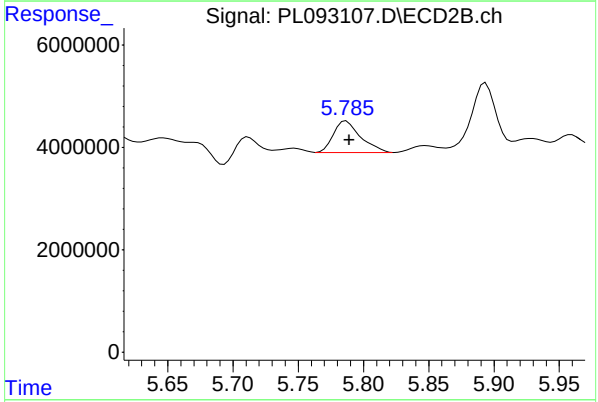
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 6704983
Conc: 3.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

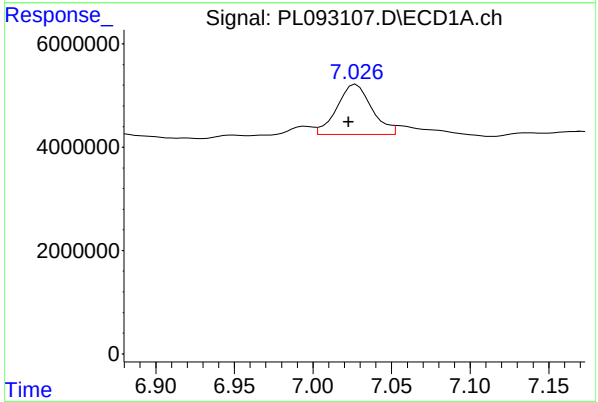
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



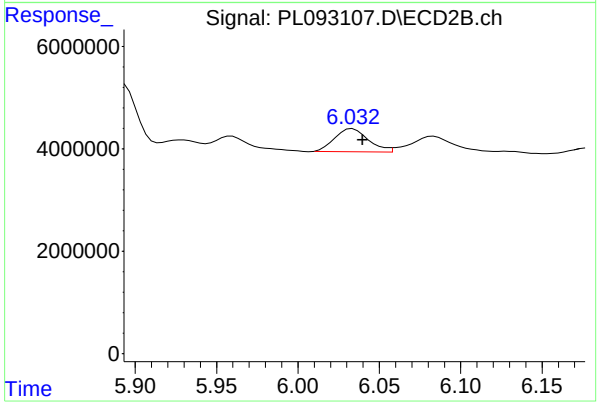
#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 8974051
Conc: 3.60 ng/ml m



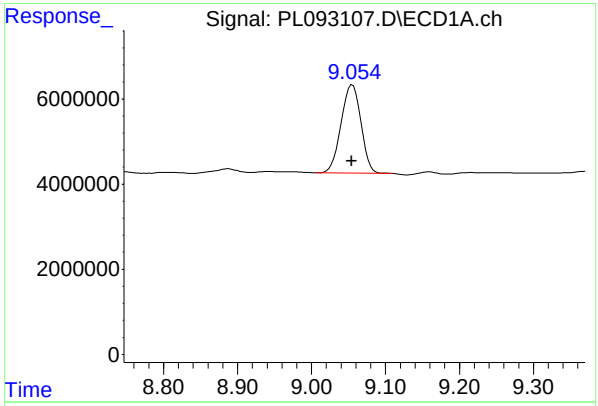
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 14683903
Conc: 7.09 ng/ml m



#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.006 min
Response: 6474724
Conc: 2.41 ng/ml



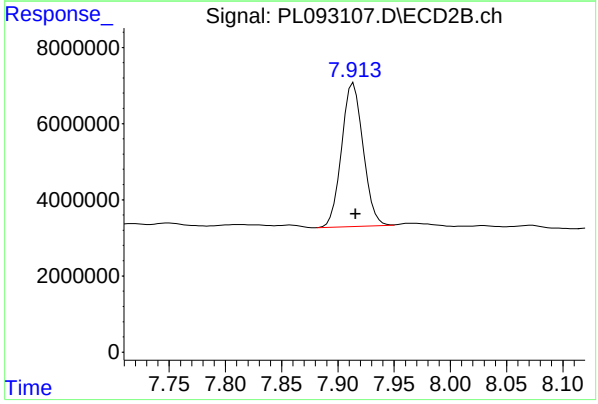
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.001 mi
Response: 38812196
Conc: 20.17 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-002

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 50184984
Conc: 18.39 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:39
Operator : AR\AJ
Sample : P4860-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.537	2.777	60015498	60671247	24.494m	22.296
28)	SA Decachlor...	9.054	7.915	45786658	54405353	23.791m	19.934
	Target Compounds						
10)	B gamma-Chl...	5.939	4.978	9742156	7485133	3.662m	2.227m#
11)	B alpha-Chl...	6.019	5.043	11490642	11659214	4.339m	3.505
16)	A 4,4'-DDD	6.709	5.786	2997803	2681900	1.562m	1.077m#
17)	MA 4,4'-DDT	7.026	6.033	1975907	2710176	0.955m	1.010m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

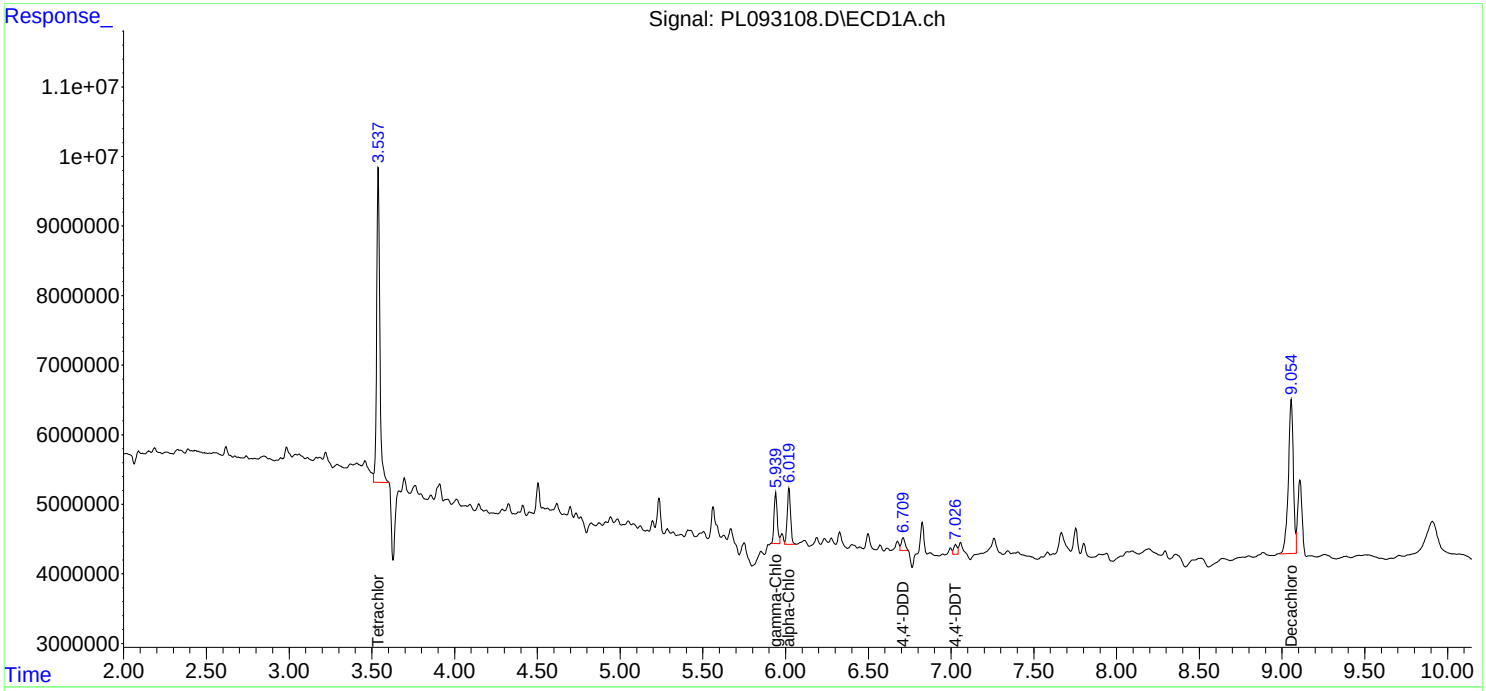
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:39
Operator : AR\AJ
Sample : P4860-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

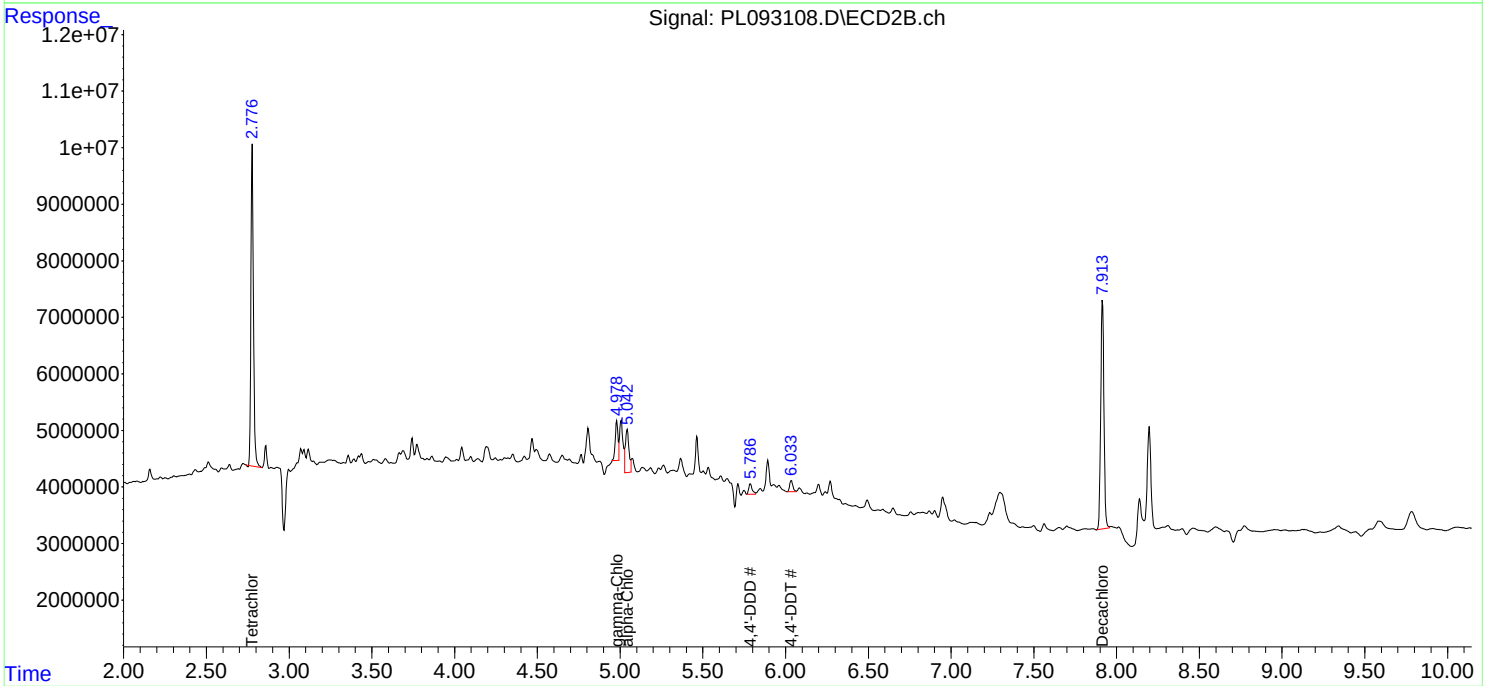
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

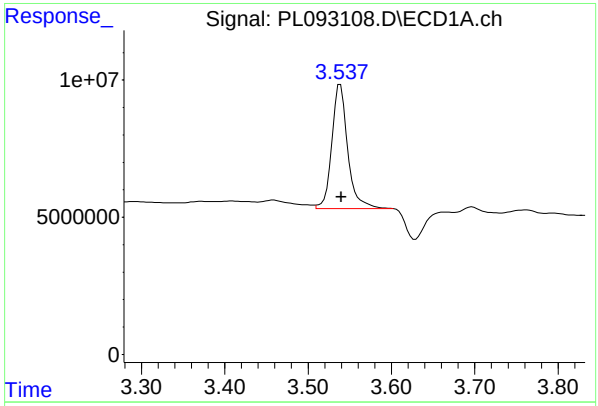
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:25:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







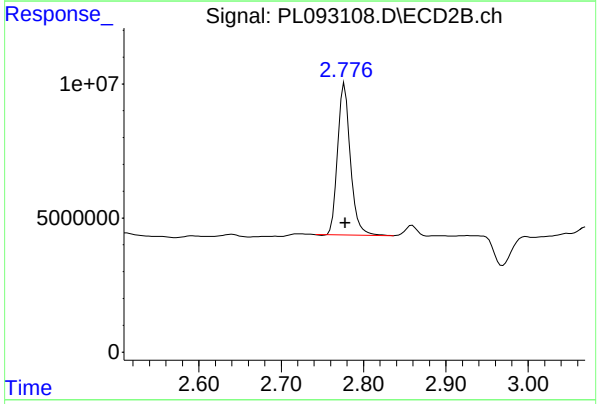
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.003 min
Response: 60015498
Conc: 24.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

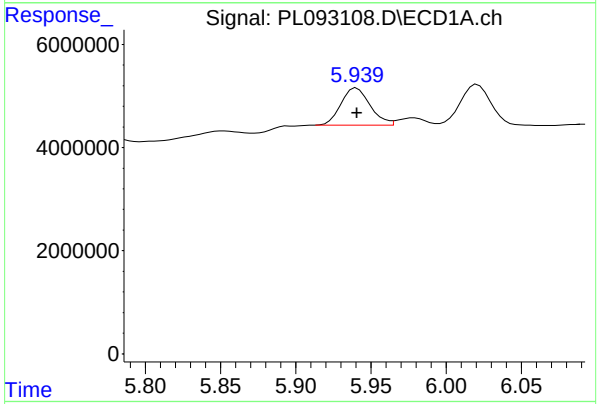
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



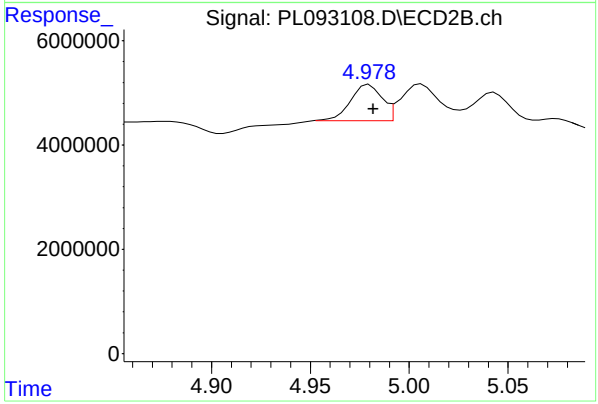
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 60671247
Conc: 22.30 ng/ml



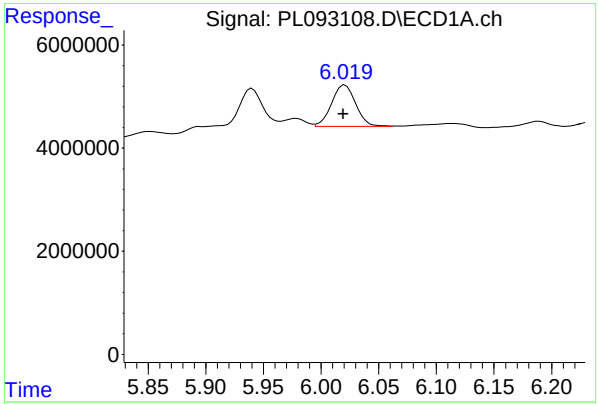
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 9742156
Conc: 3.66 ng/ml m



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 7485133
Conc: 2.23 ng/ml m



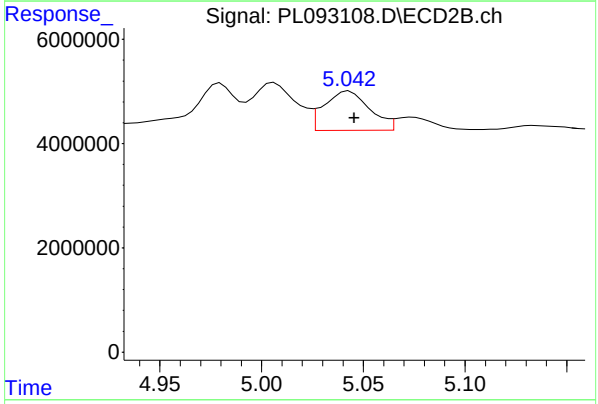
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 mi
Response: 11490642
Conc: 4.34 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

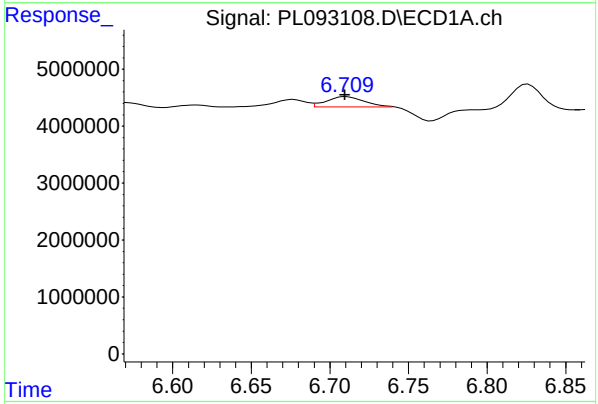
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



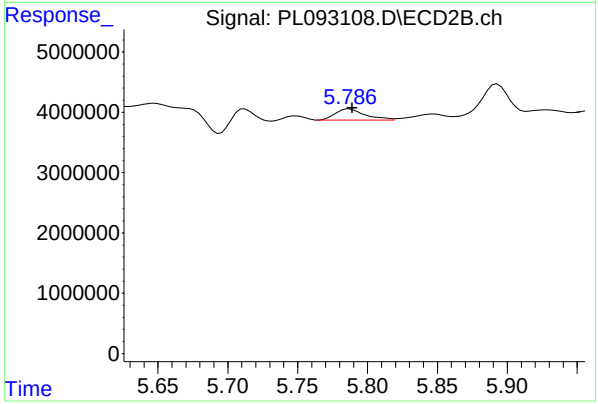
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 11659214
Conc: 3.51 ng/ml



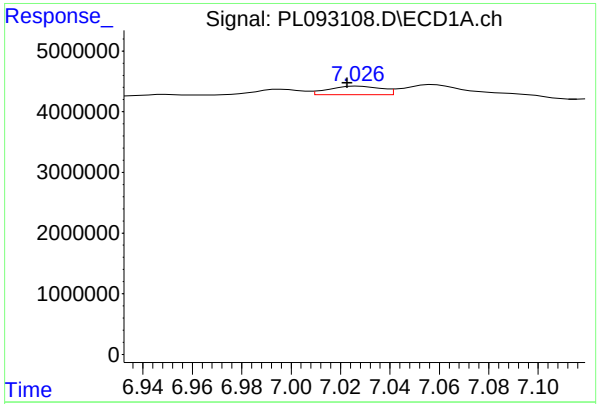
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2997803
Conc: 1.56 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 2681900
Conc: 1.08 ng/ml m



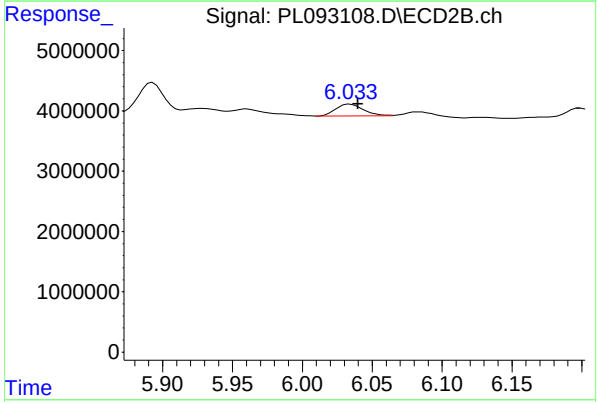
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 1975907
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-003

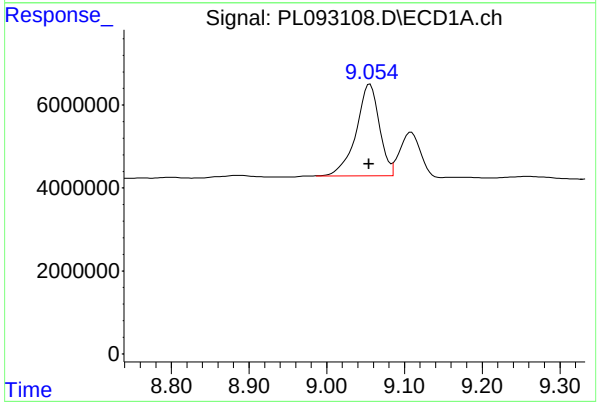
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



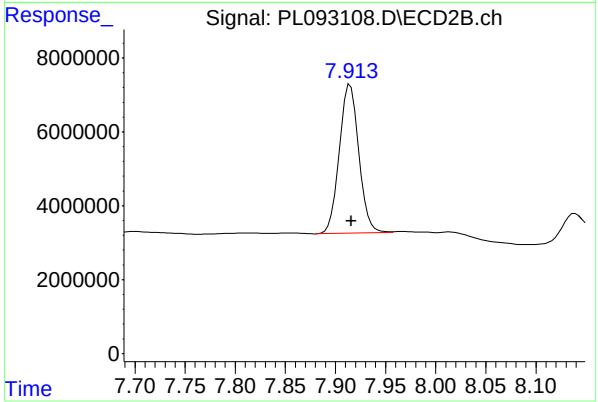
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 2710176
Conc: 1.01 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 45786658
Conc: 23.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 54405353
Conc: 19.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:52
Operator : AR\AJ
Sample : P4860-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:26:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.538	2.778	57302054	60638790	23.386m	22.284
28)	SA Decachlor...	9.056	7.915	41951445	56758488	21.798	20.796
	Target Compounds						
10)	B gamma-Chl...	5.937	4.979	3269651	3549156	1.229m	1.056m
11)	B alpha-Chl...	6.020	5.042	5079786	3671019	1.918	1.104m#
12)	B 4,4'-DDE	6.189	5.231	1166346	1524860	0.492m	0.473m
16)	A 4,4'-DDD	6.708	5.786	5485737	6703865	2.858m	2.692m
17)	MA 4,4'-DDT	7.022	6.038	13169960	16891629	6.363m	6.298

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093109.D**

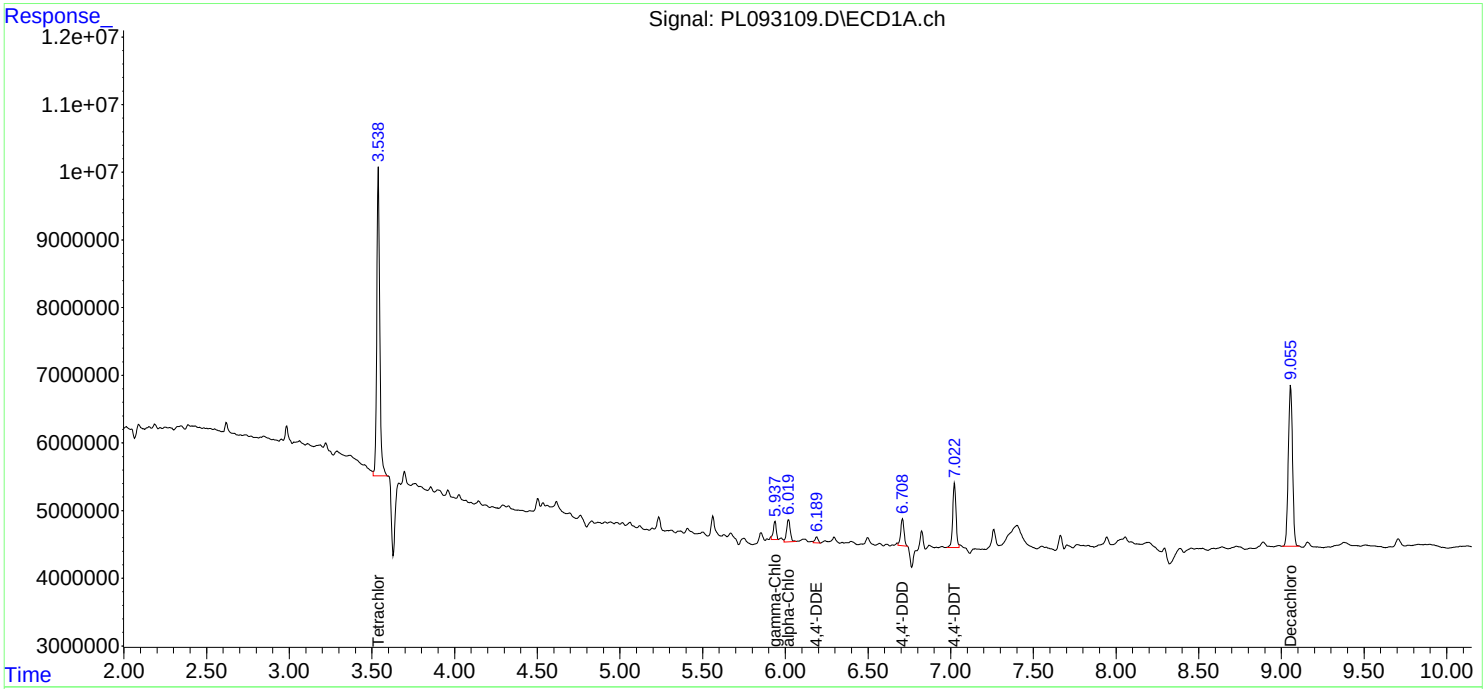
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 12:52
Operator : AR\AJ
Sample : P4860-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

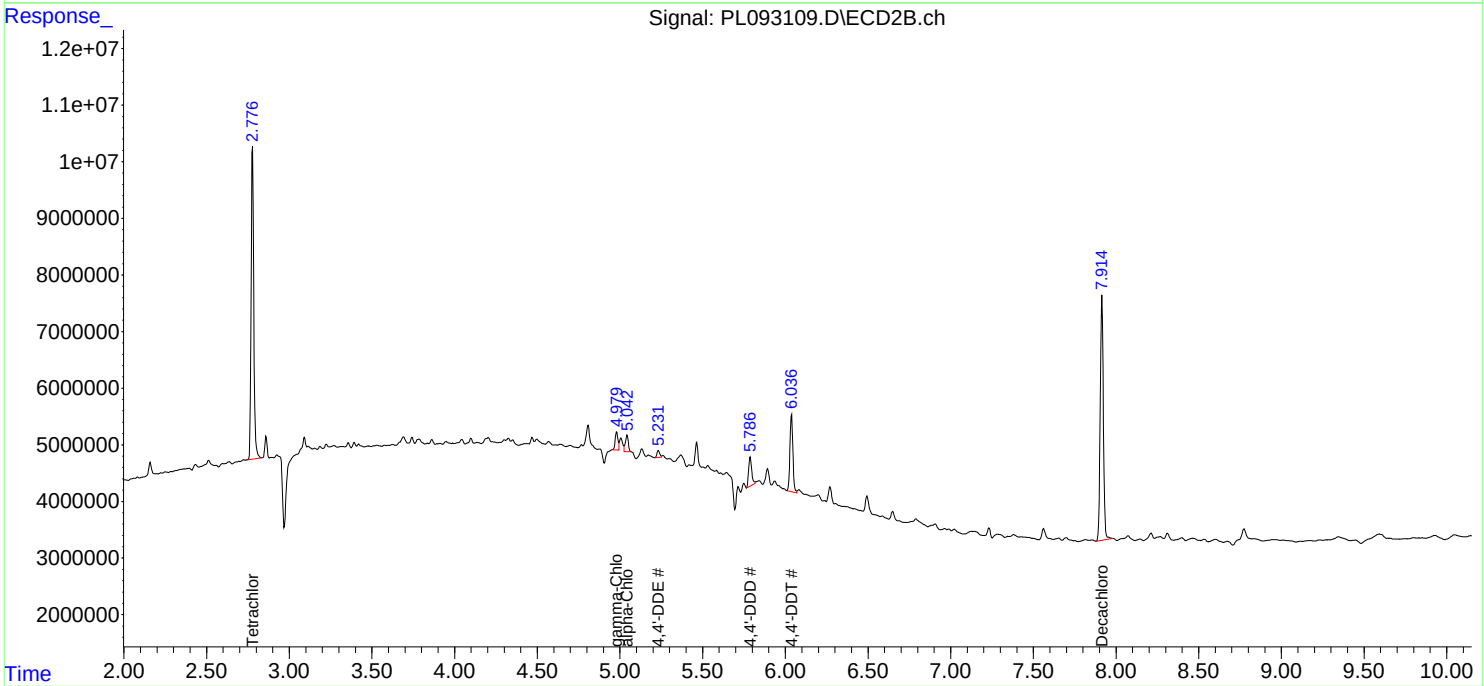
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

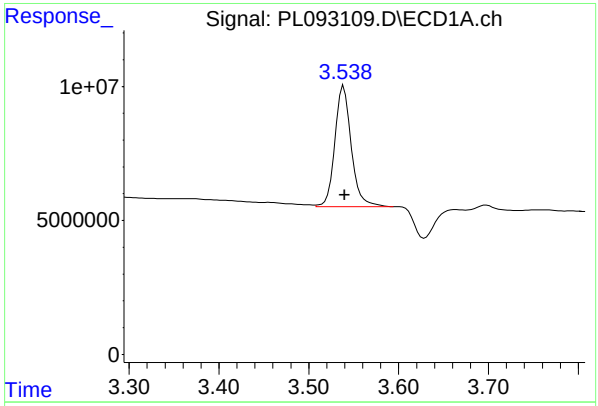
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:26:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







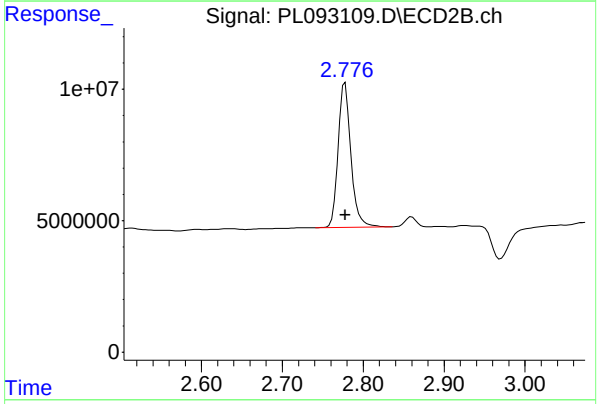
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 mi
Response: 57302054
Conc: 23.39 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

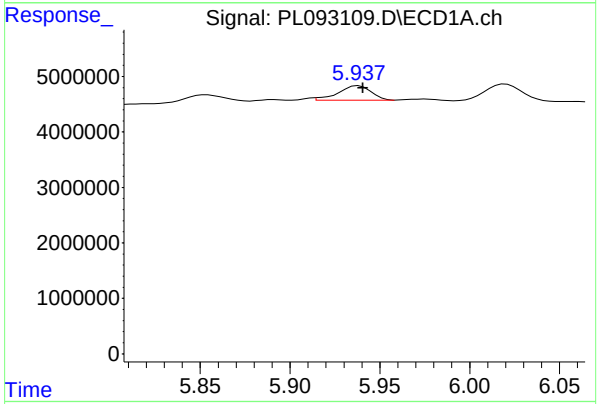
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



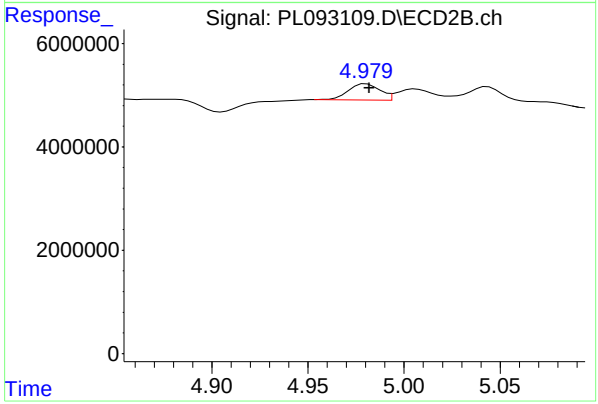
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 60638790
Conc: 22.28 ng/ml



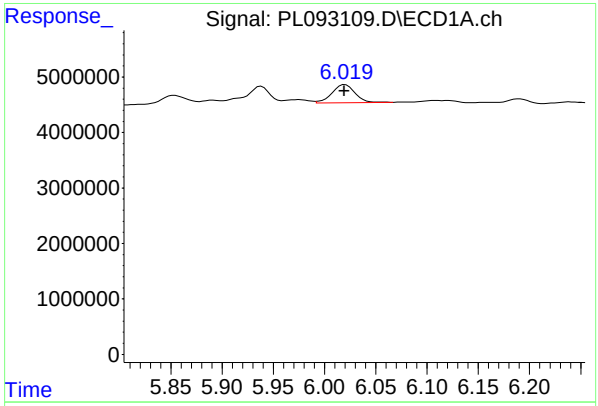
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 3269651
Conc: 1.23 ng/ml m



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 3549156
Conc: 1.06 ng/ml m



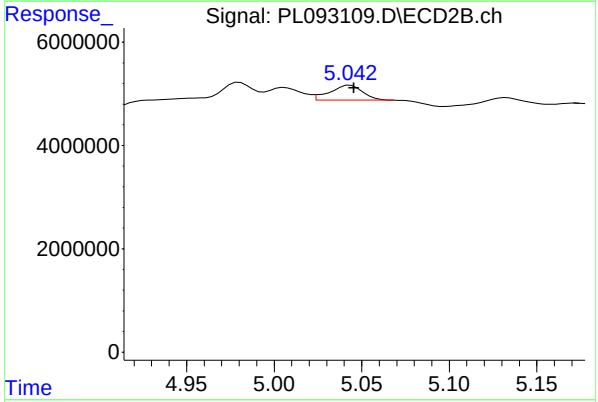
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 mi
Response: 5079786
Conc: 1.92 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

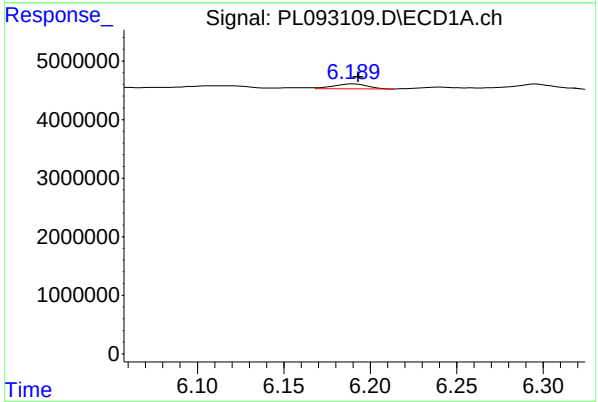
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



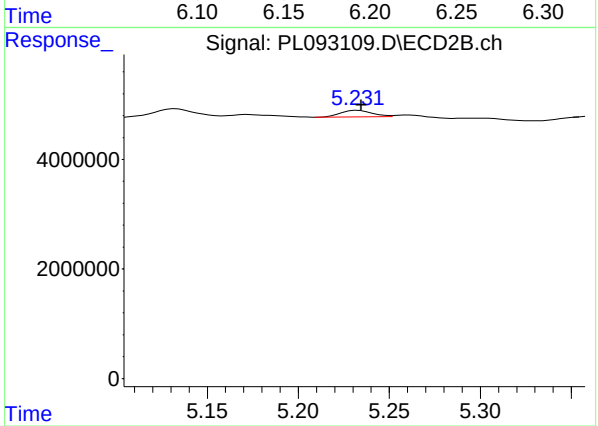
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 3671019
Conc: 1.10 ng/ml m



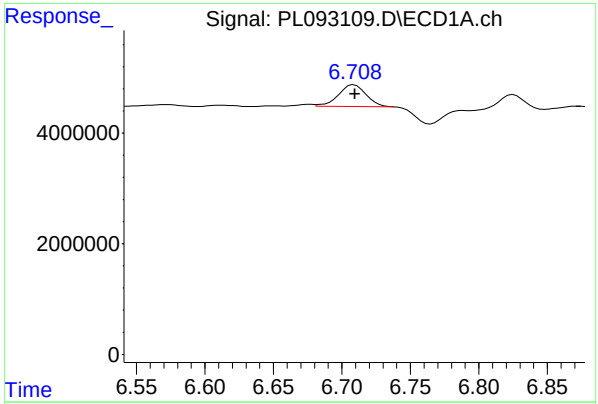
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 1166346
Conc: 0.49 ng/ml m



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.003 min
Response: 1524860
Conc: 0.47 ng/ml m



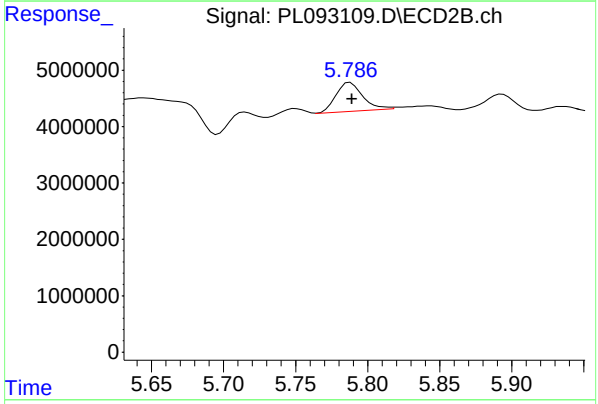
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 mi
Response: 5485737
Conc: 2.86 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

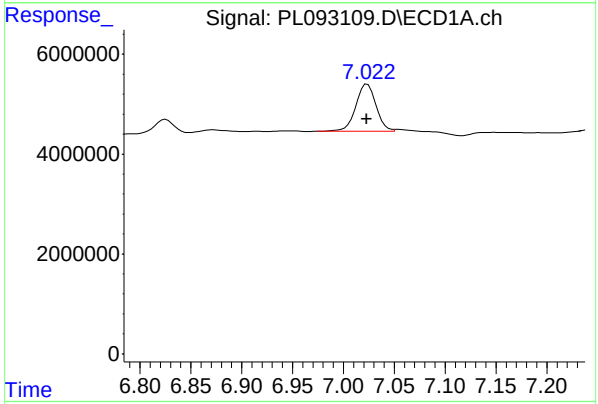
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



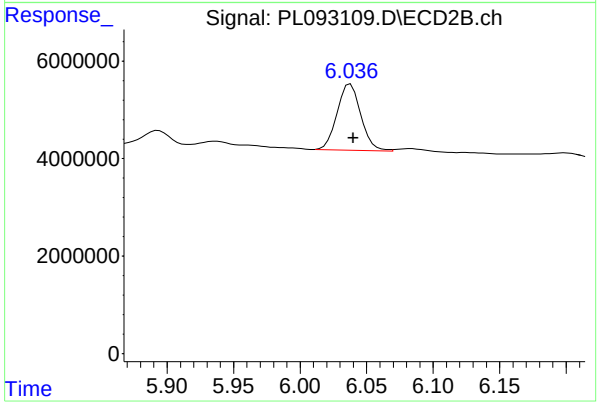
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 6703865
Conc: 2.69 ng/ml m



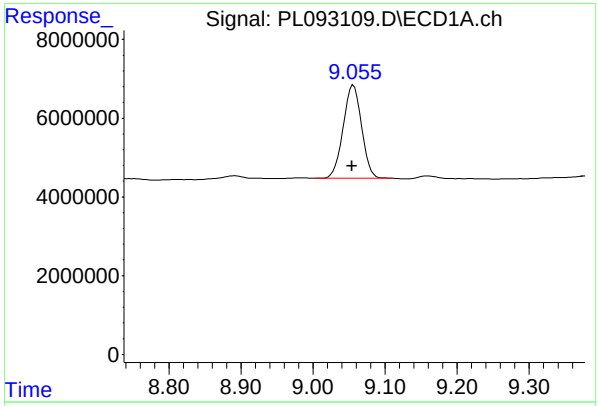
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 13169960
Conc: 6.36 ng/ml m



#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.002 min
Response: 16891629
Conc: 6.30 ng/ml



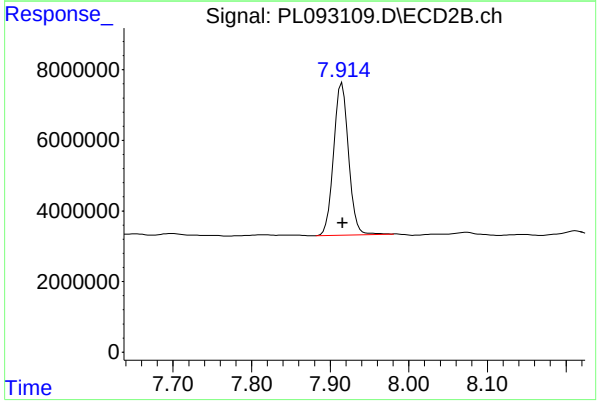
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 41951445
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-004

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 56758488
Conc: 20.80 ng/ml

Sample Results: **PL093113.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:45
Operator : AR\AJ
Sample : P4860-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-009

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:27:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.538	2.777	56737259	61564675	23.156m	22.624
28)	SA Decachlor...	9.055	7.915	41930952	59898914	21.787	21.947
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 13:45
Operator : AR\AJ
Sample : P4860-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

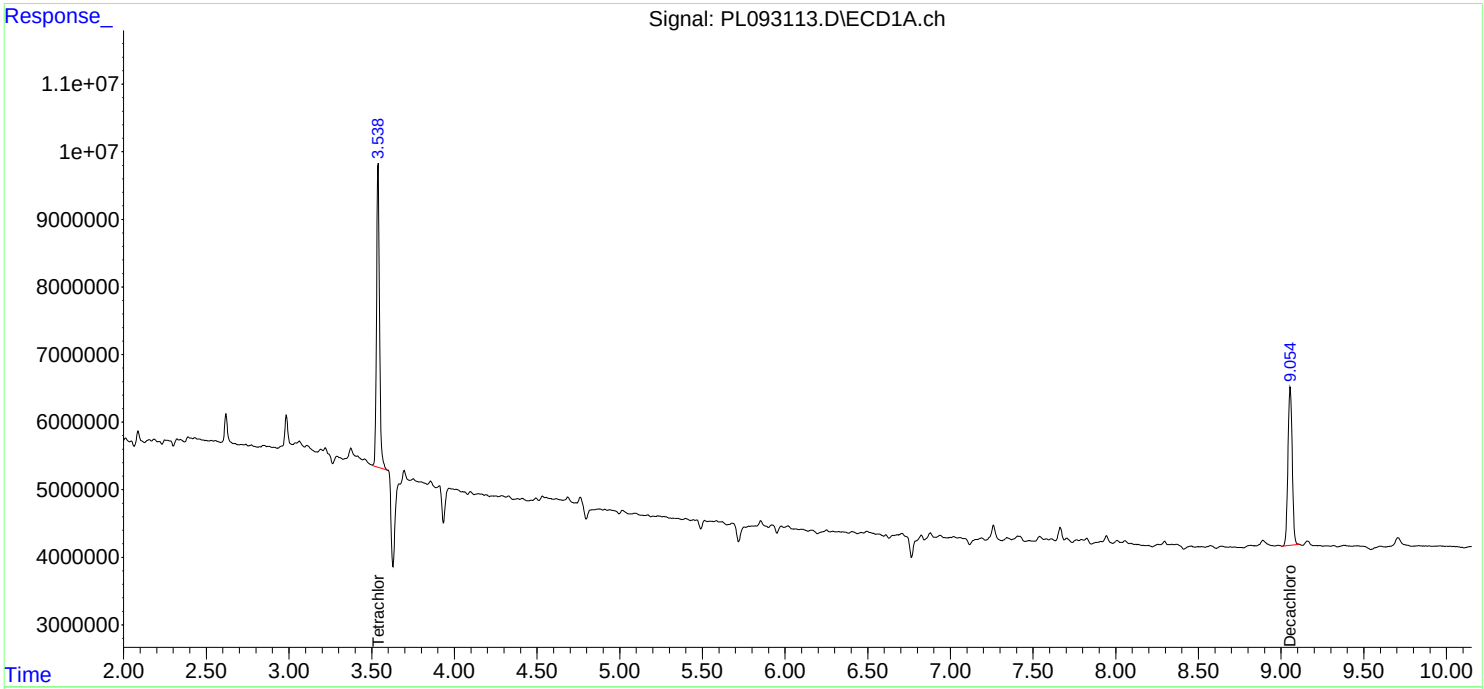
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-009

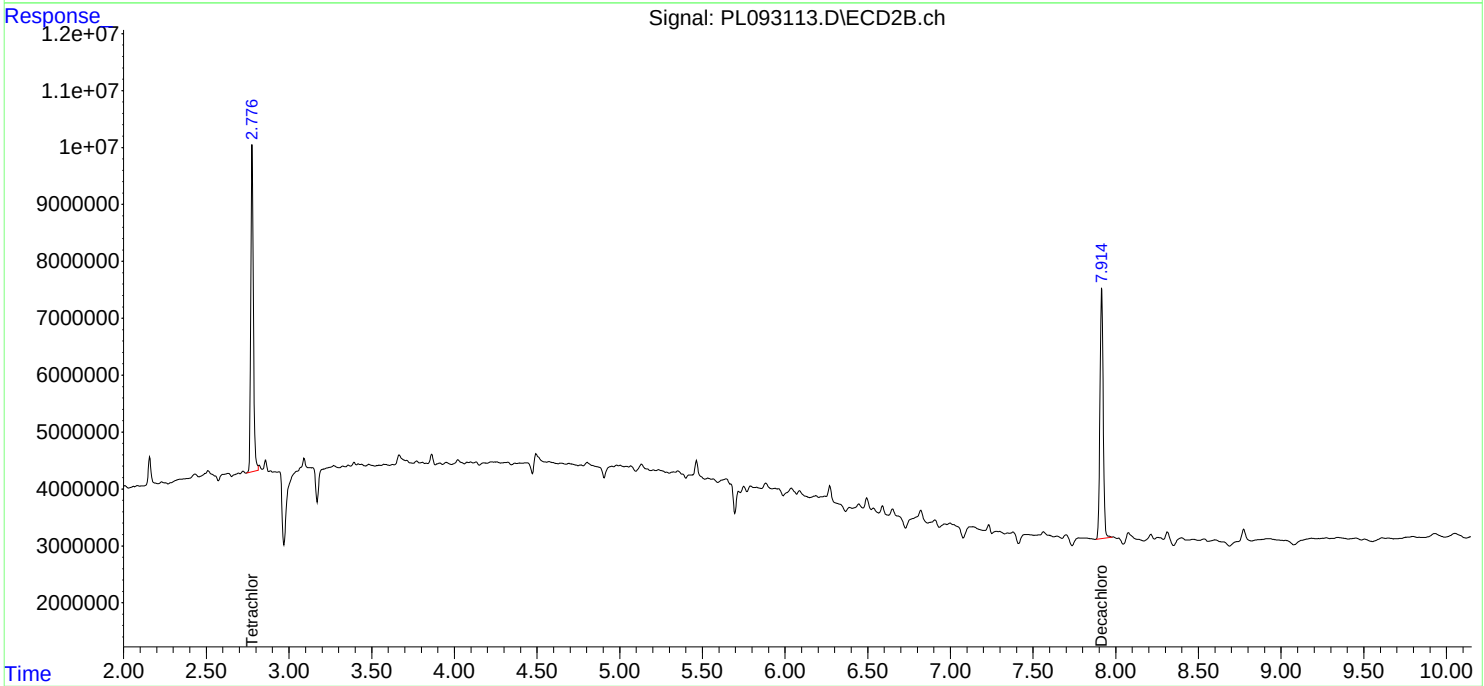
Manual Integrations APPROVED

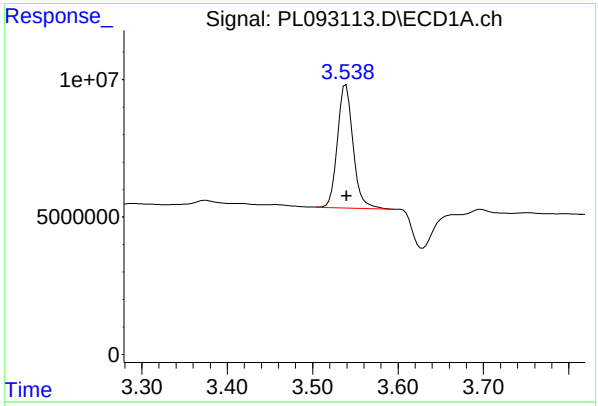
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:27:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







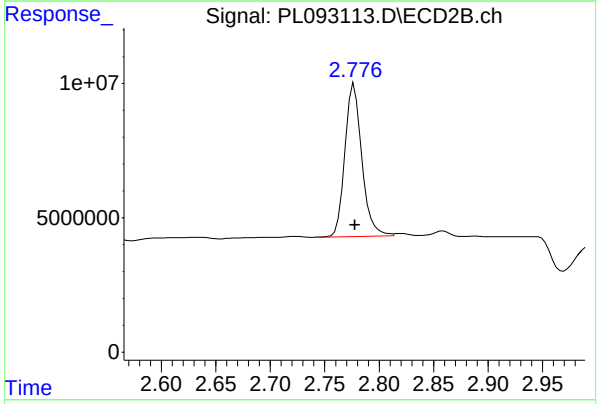
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.002 min
Response: 56737259
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-009

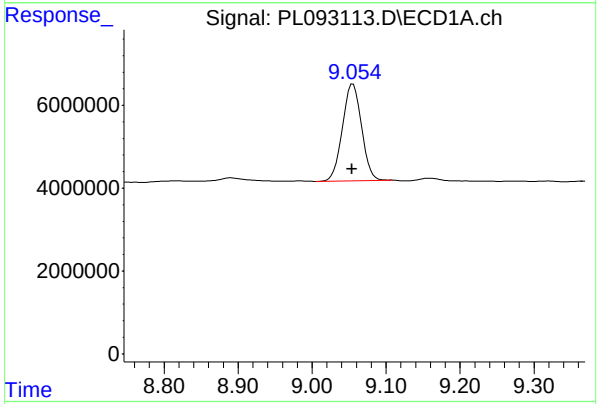
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



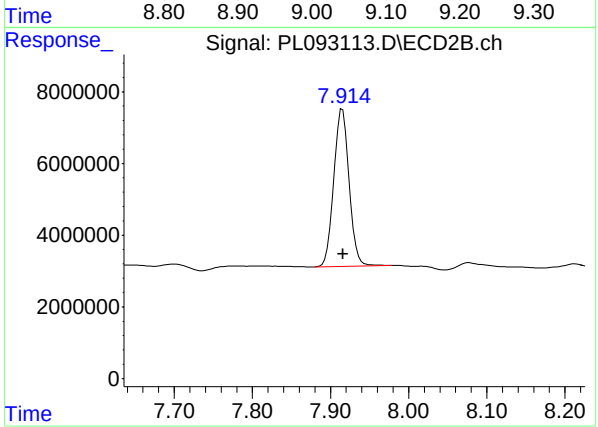
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 61564675
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.001 min
Response: 41930952
Conc: 21.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 59898914
Conc: 21.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:11
Operator : AR\AJ
Sample : P4860-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:05:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.535	2.774	49808655	56374158	20.328m	20.717
28) SA	Decachlor...	9.054	7.914	34308855	52845627	17.827	19.363
	Target Compounds						
10) B	gamma-Chl...	5.937	4.977	10009906	7150328	3.762	2.127m#
11) B	alpha-Chl...	6.019	5.040	10450038	6517432	3.946	1.960m#
16) A	4,4'-DDD	6.706	5.785	11852609	10348087	6.175m	4.156m#
17) MA	4,4'-DDT	7.021	6.034	3641175	6805329	1.759m	2.537 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093145.D**

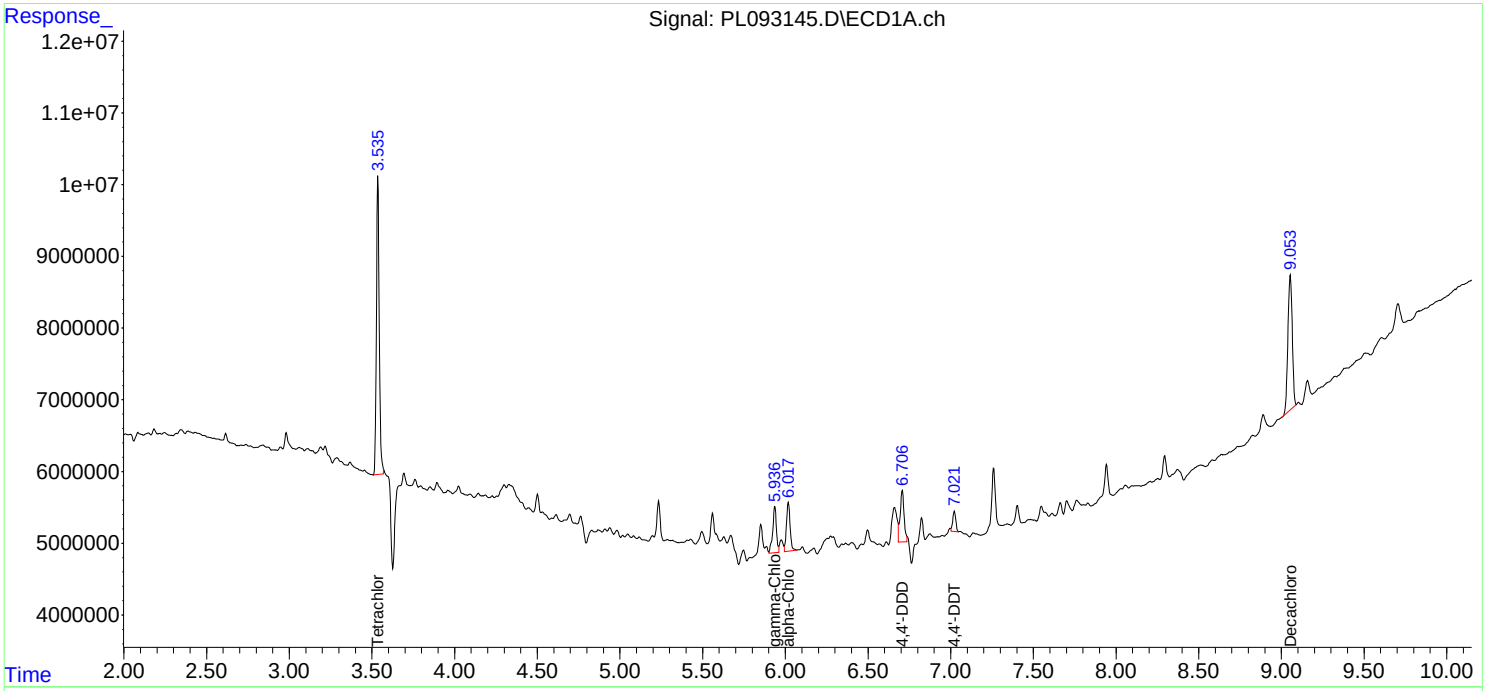
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:11
Operator : AR\AJ
Sample : P4860-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

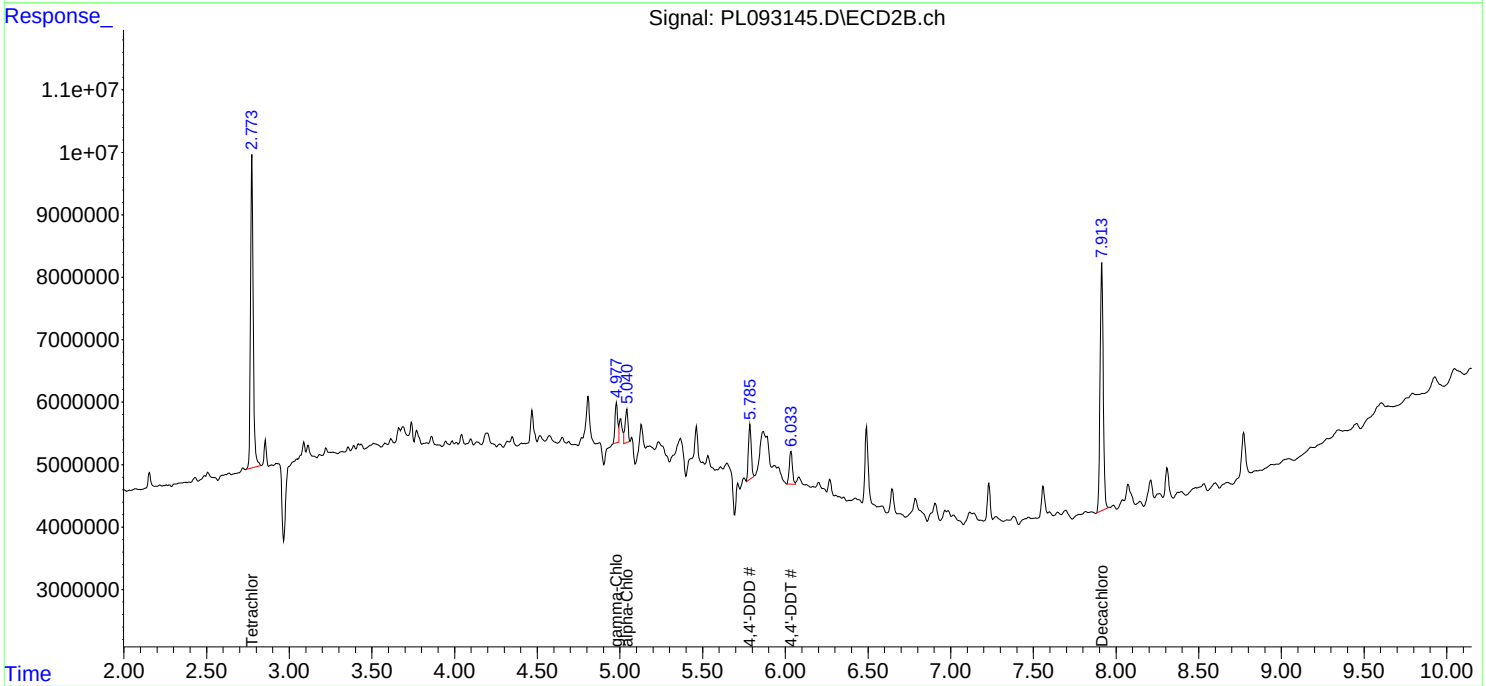
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

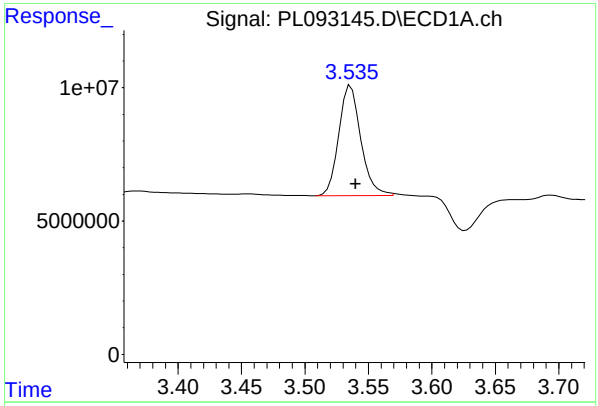
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:05:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







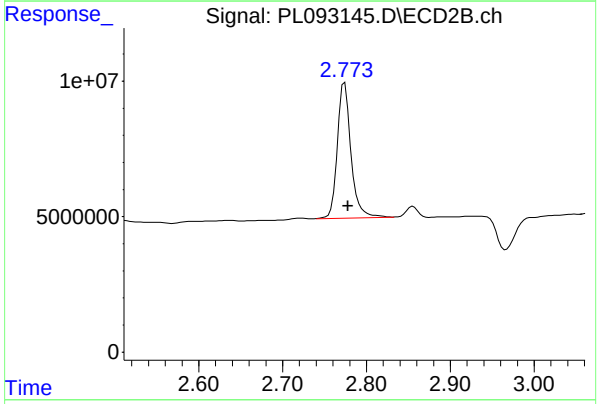
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.005 min
Response: 49808655
Conc: 20.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

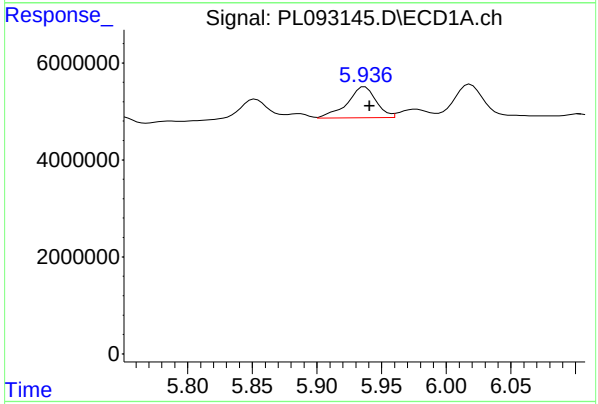
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



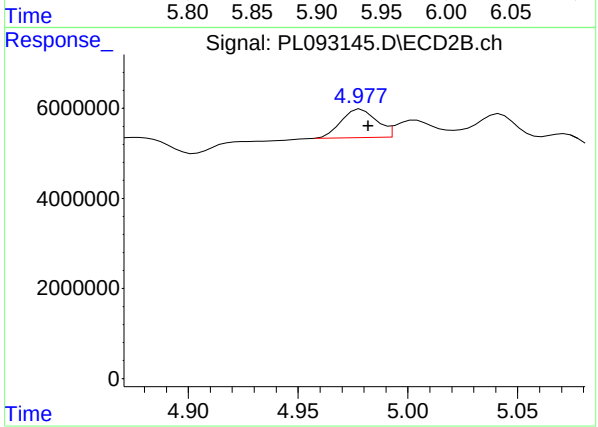
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 56374158
Conc: 20.72 ng/ml



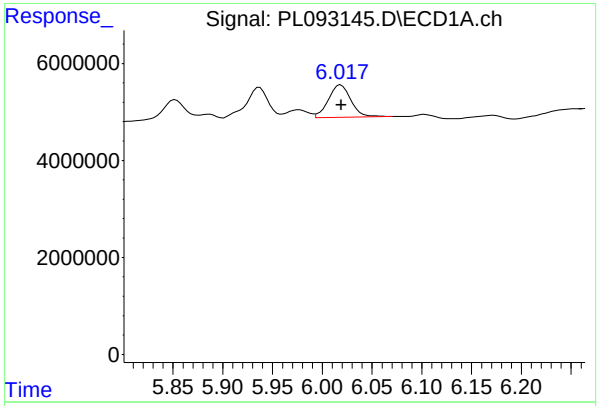
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 10009906
Conc: 3.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 7150328
Conc: 2.13 ng/ml m



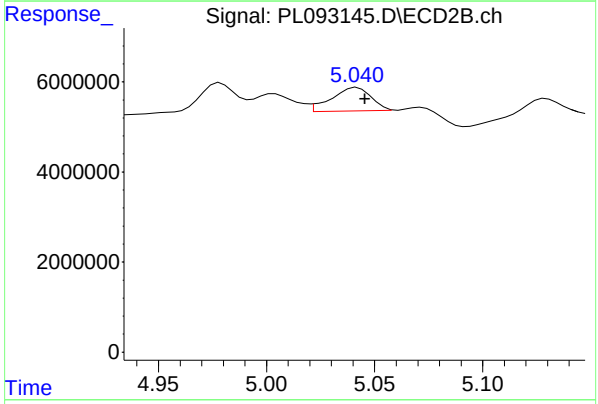
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 mi
Response: 10450038
Conc: 3.95 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

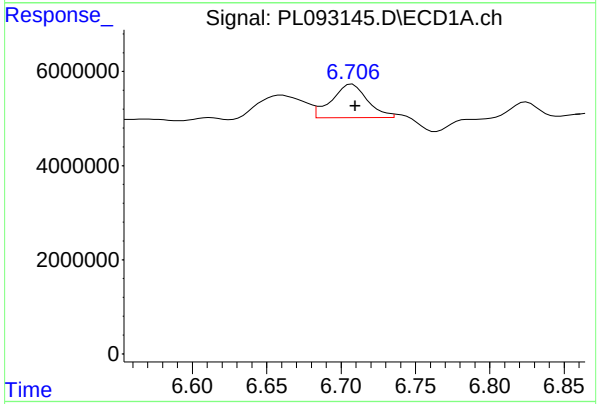
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



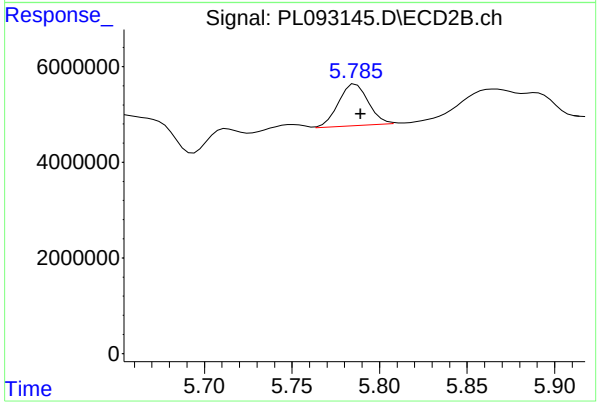
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.005 min
Response: 6517432
Conc: 1.96 ng/ml m



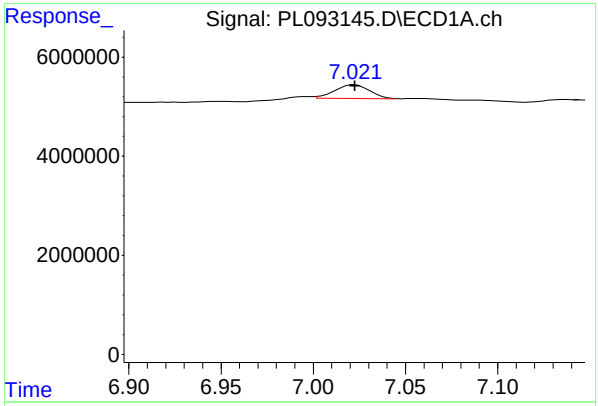
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 11852609
Conc: 6.17 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.004 min
Response: 10348087
Conc: 4.16 ng/ml m



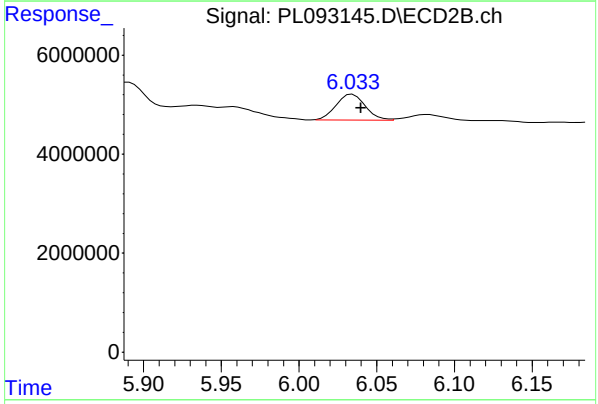
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 3641175
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-008

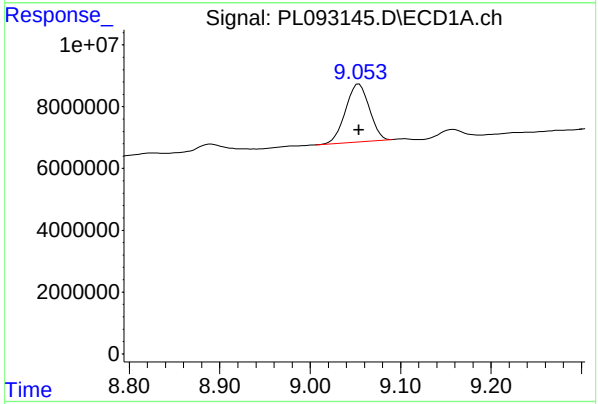
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



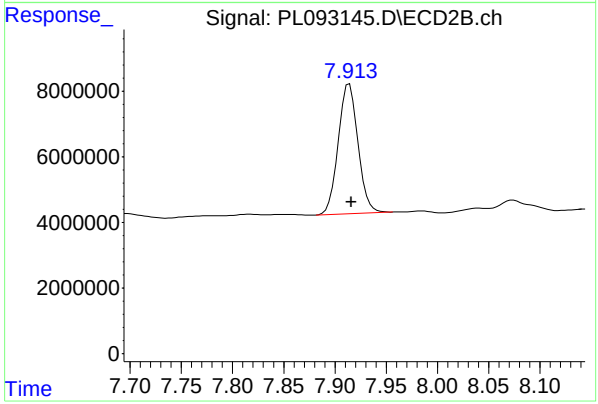
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.005 min
Response: 6805329
Conc: 2.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 34308855
Conc: 17.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 52845627
Conc: 19.36 ng/ml

Sample Results: **PL093146.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:24
Operator : AR\AJ
Sample : P4860-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:06:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.774	40200501	46134149	16.407m	16.954
28)	SA Decachlor...	9.053	7.913	31217356	47242121	16.221	17.310
	Target Compounds						
12)	B 4,4'-DDE	6.190	5.230	3319438	4265642	1.401	1.324m
16)	A 4,4'-DDD	6.707	5.784	5757426	6503064	2.999m	2.612m
17)	MA 4,4'-DDT	7.026	6.033	10160828	3042346	4.909m	1.134m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093146.D**

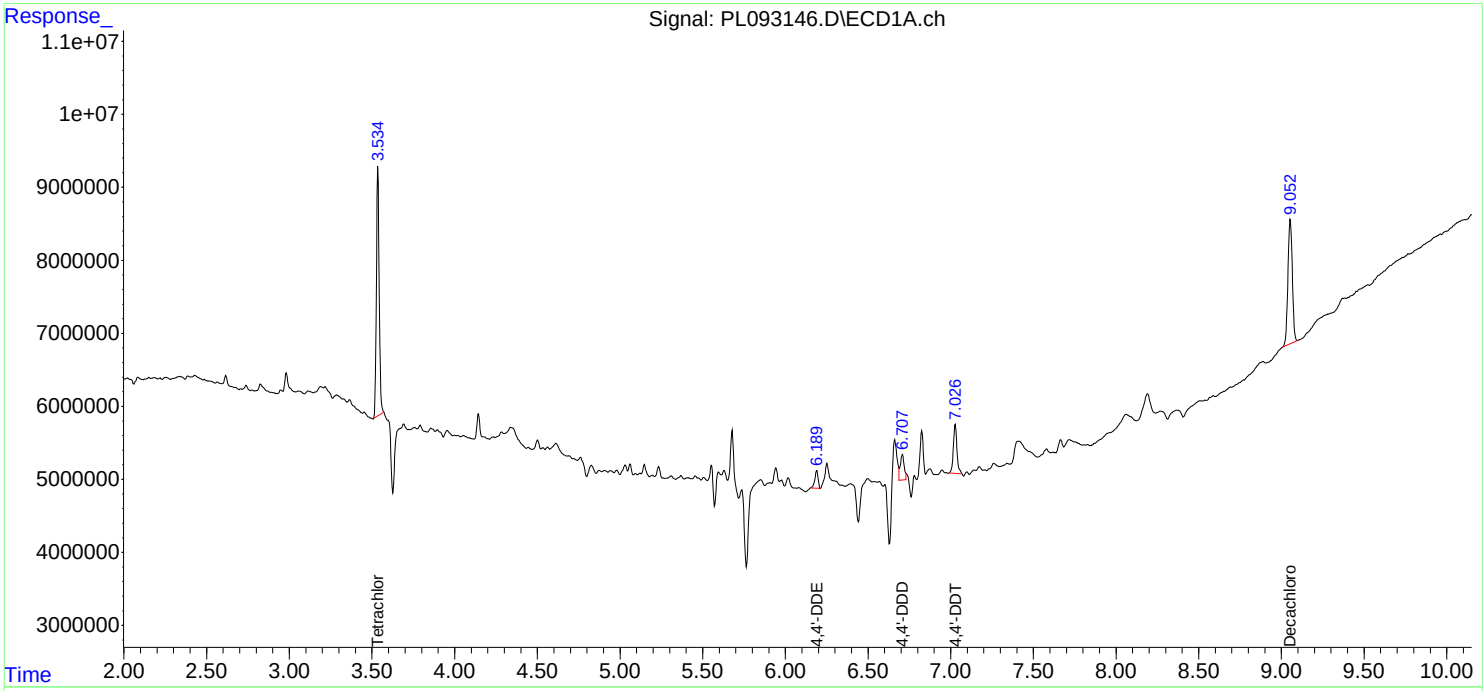
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:24
Operator : AR\AJ
Sample : P4860-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

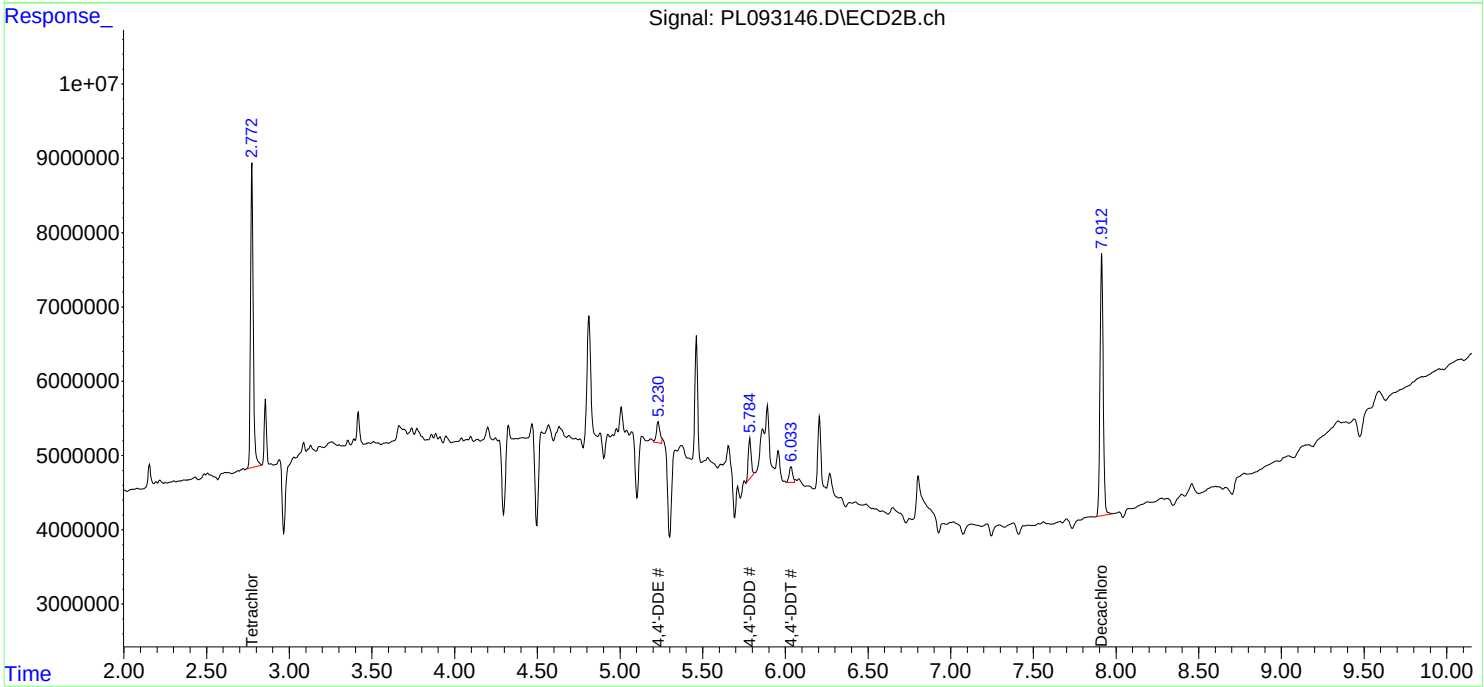
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

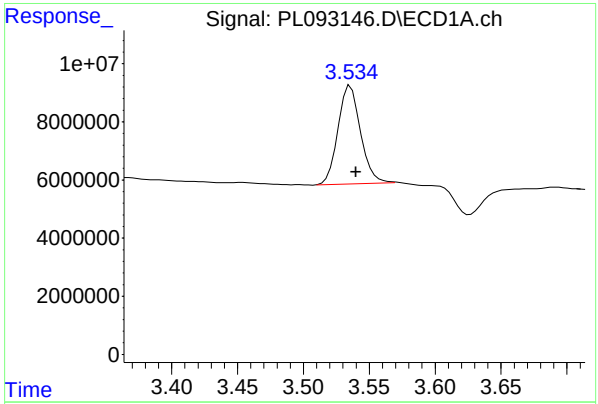
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:06:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







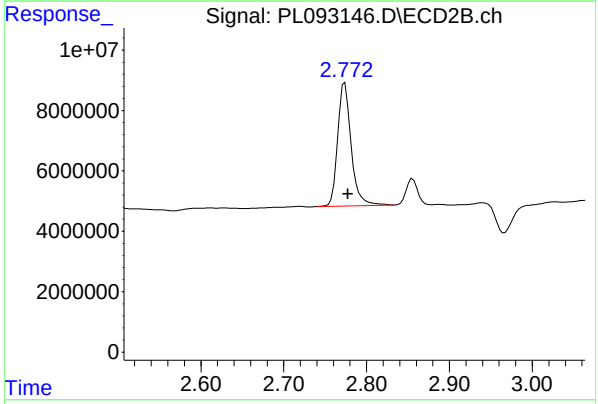
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 mi
Response: 40200501
Conc: 16.41 ng/m

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

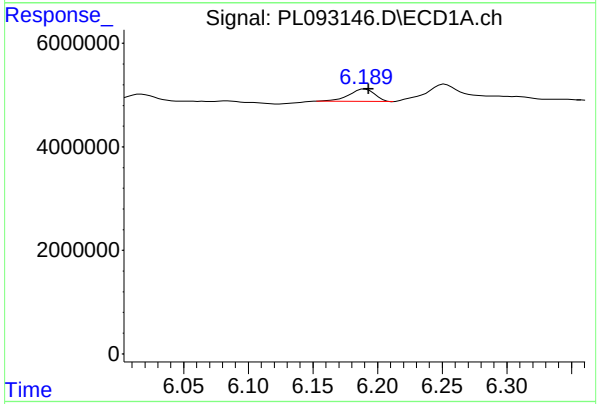
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



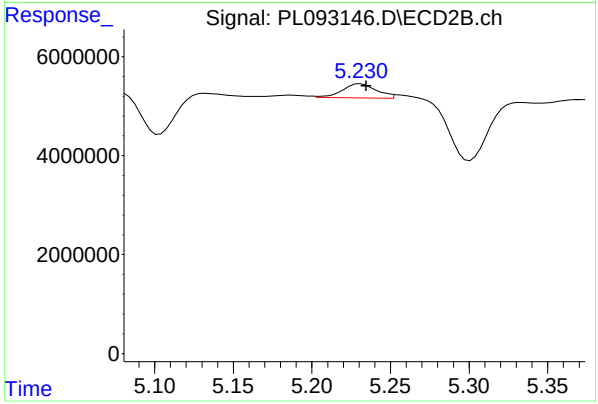
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 46134149
Conc: 16.95 ng/ml



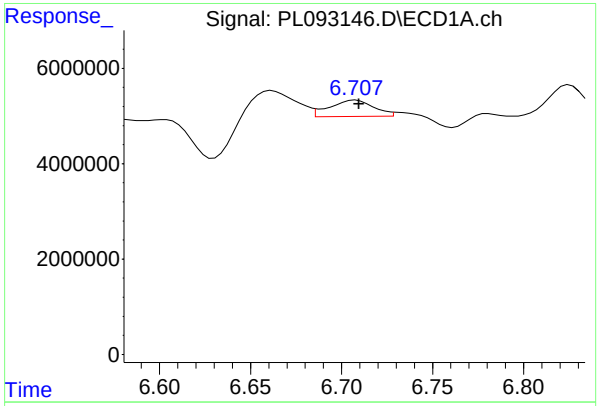
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 3319438
Conc: 1.40 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.005 min
Response: 4265642
Conc: 1.32 ng/ml m



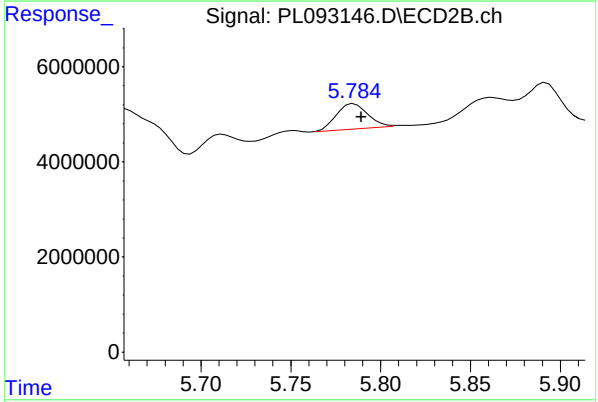
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 5757426
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

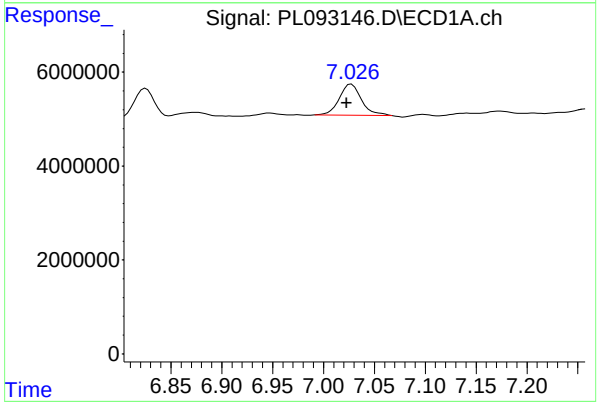
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



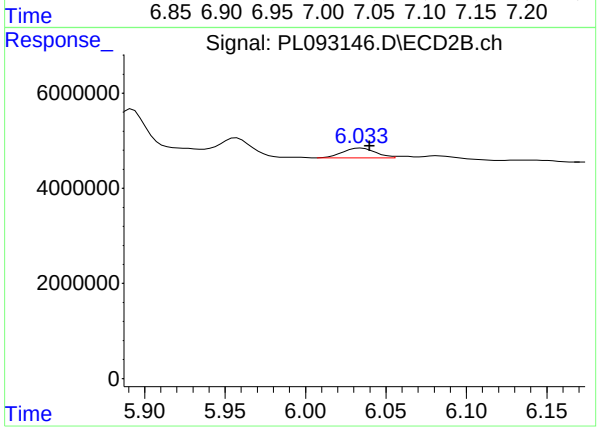
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.005 min
Response: 6503064
Conc: 2.61 ng/ml m



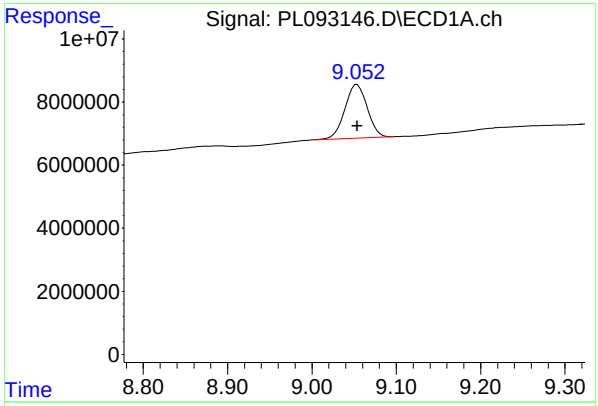
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 10160828
Conc: 4.91 ng/ml m



#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: -0.007 min
Response: 3042346
Conc: 1.13 ng/ml m



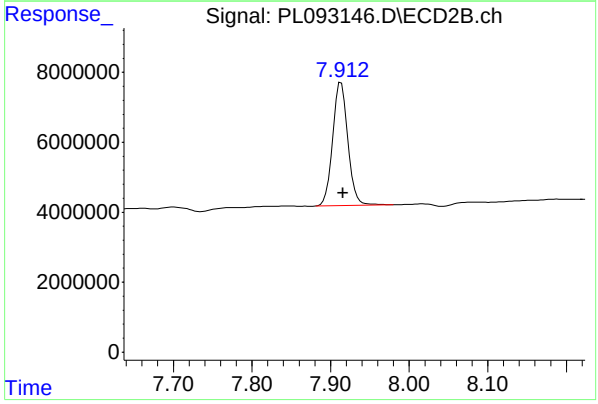
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 31217356
Conc: 16.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 47242121
Conc: 17.31 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:44
Operator : AR\AJ
Sample : P4860-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-006

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.774	48353135	54676961	19.734m	20.093
28)	SA Decachlor...	9.053	7.913	33218459	50507456	17.260	18.506
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093143.D**

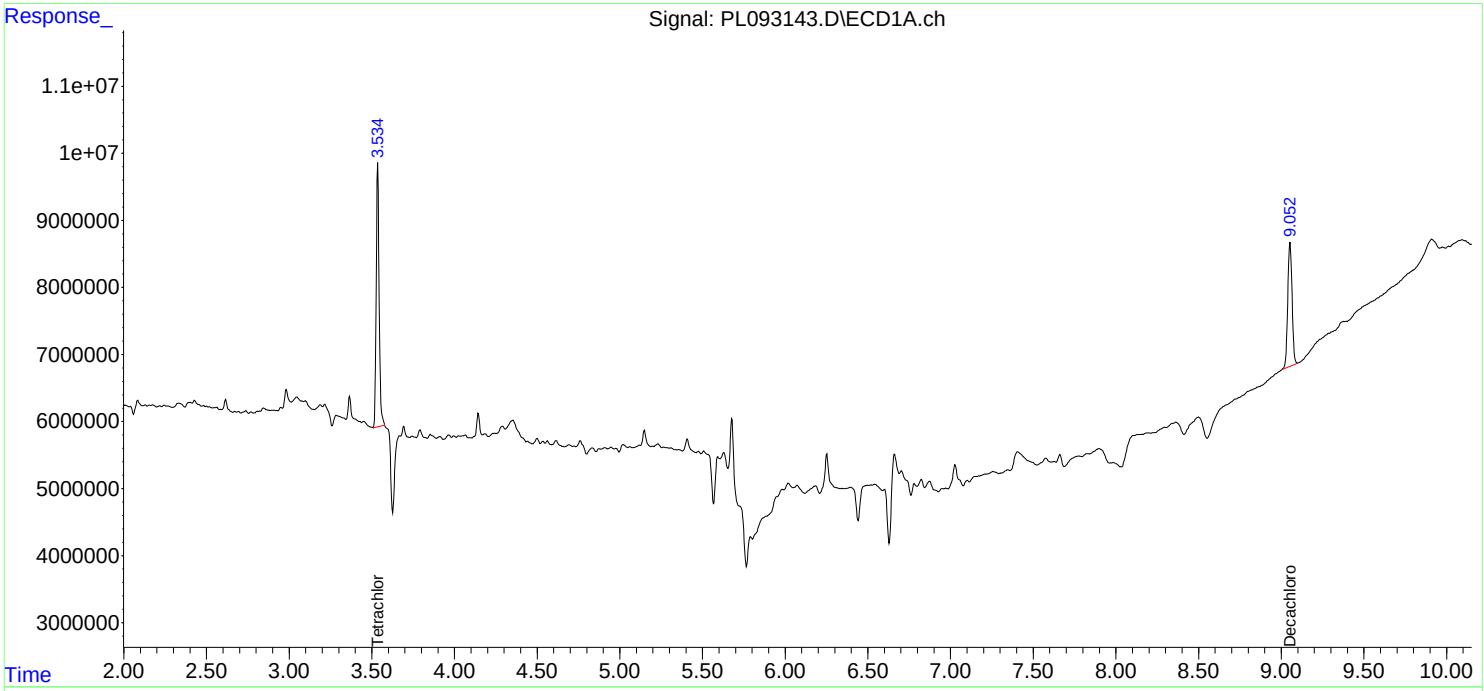
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093143.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:44
Operator : AR\AJ
Sample : P4860-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

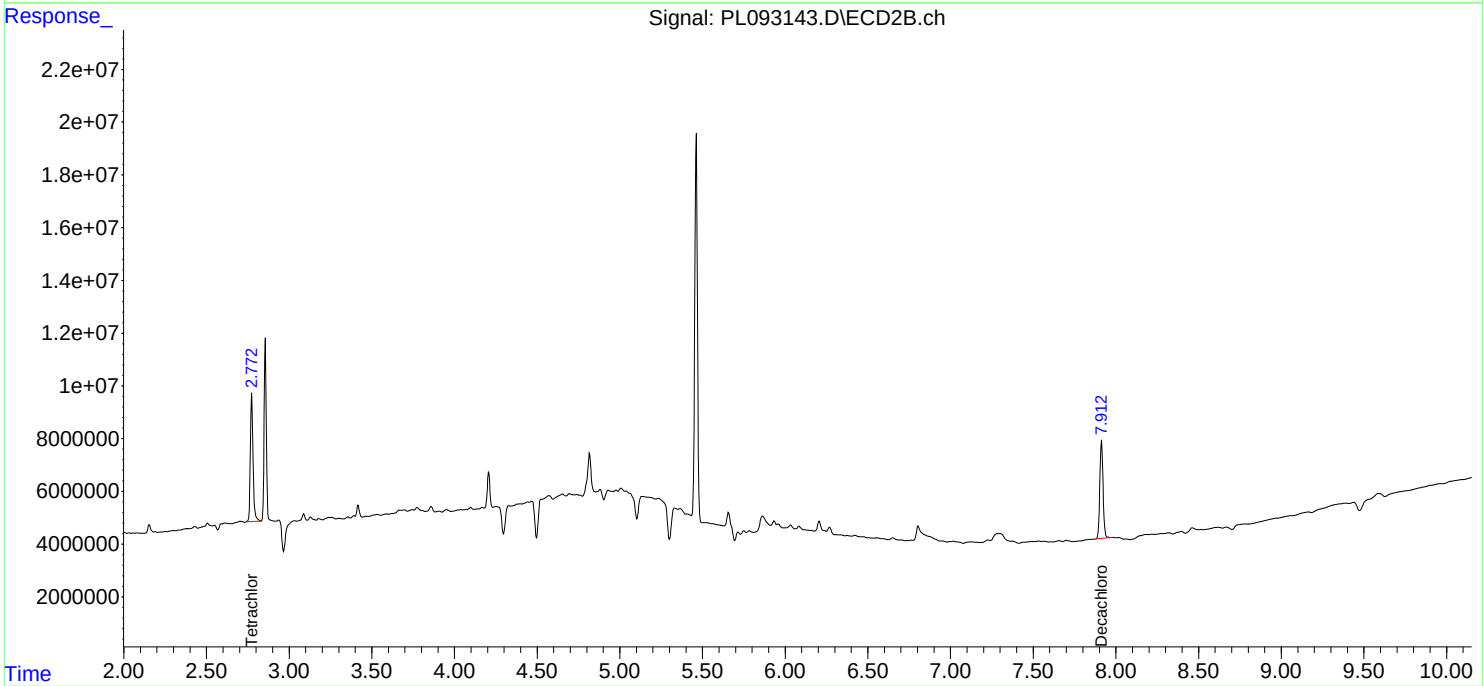
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-006

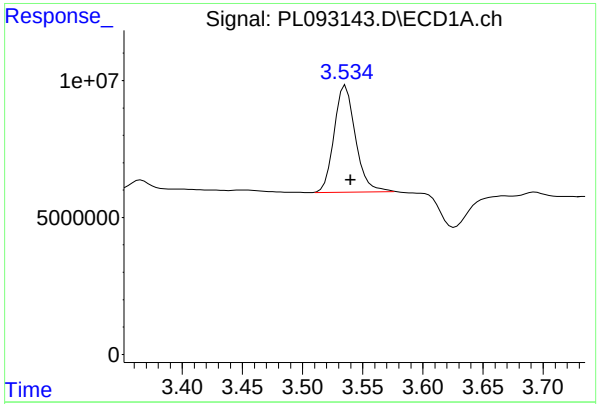
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:03:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







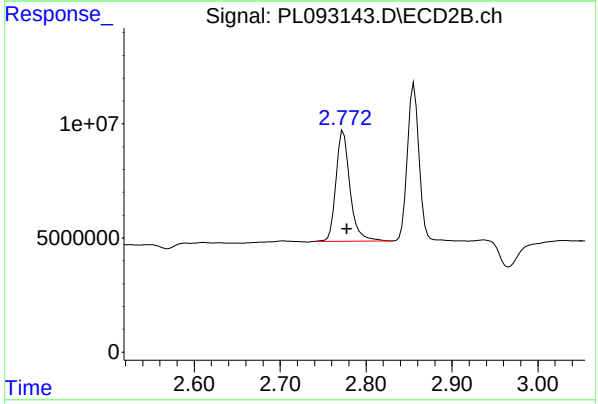
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 48353135
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-006

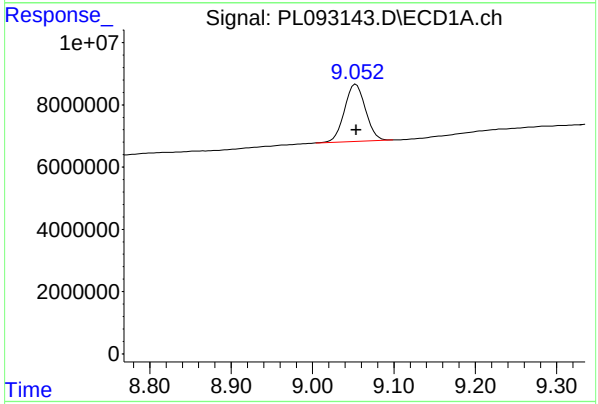
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



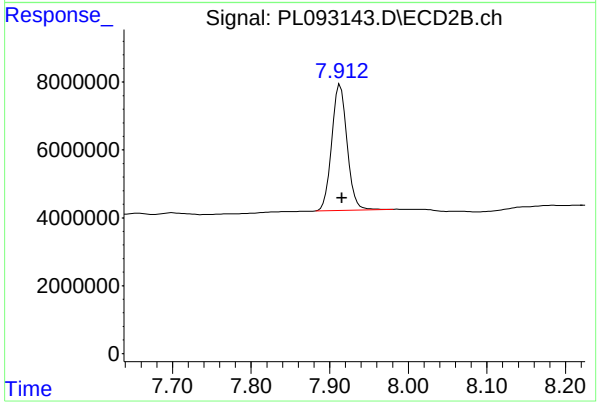
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 54676961
Conc: 20.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 33218459
Conc: 17.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 50507456
Conc: 18.51 ng/ml

Sample Results: **PL093144.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:57
Operator : AR\AJ
Sample : P4860-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-005

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:04:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.773	48591948	53548701	19.832m	19.679
28)	SA Decachlor...	9.054	7.913	31773803	51111175	16.510	18.727
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093144.D**

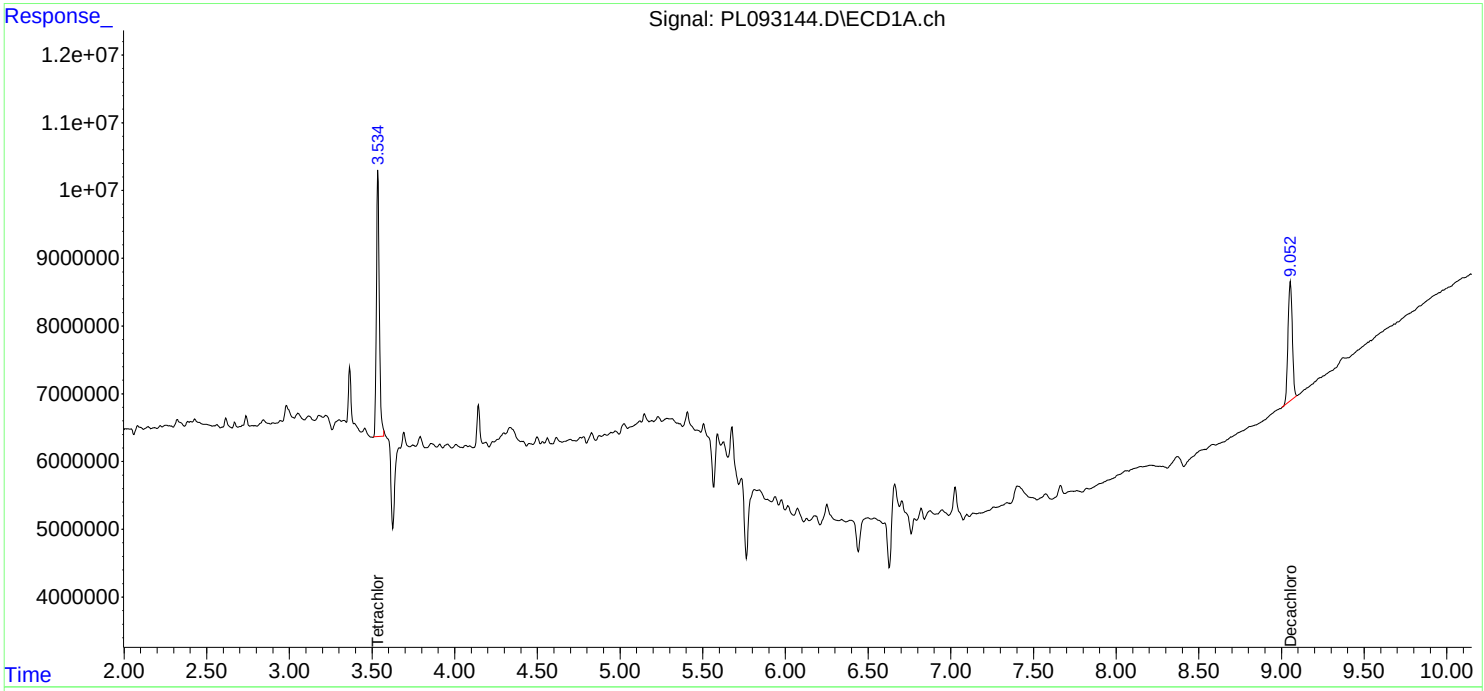
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:57
Operator : AR\AJ
Sample : P4860-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

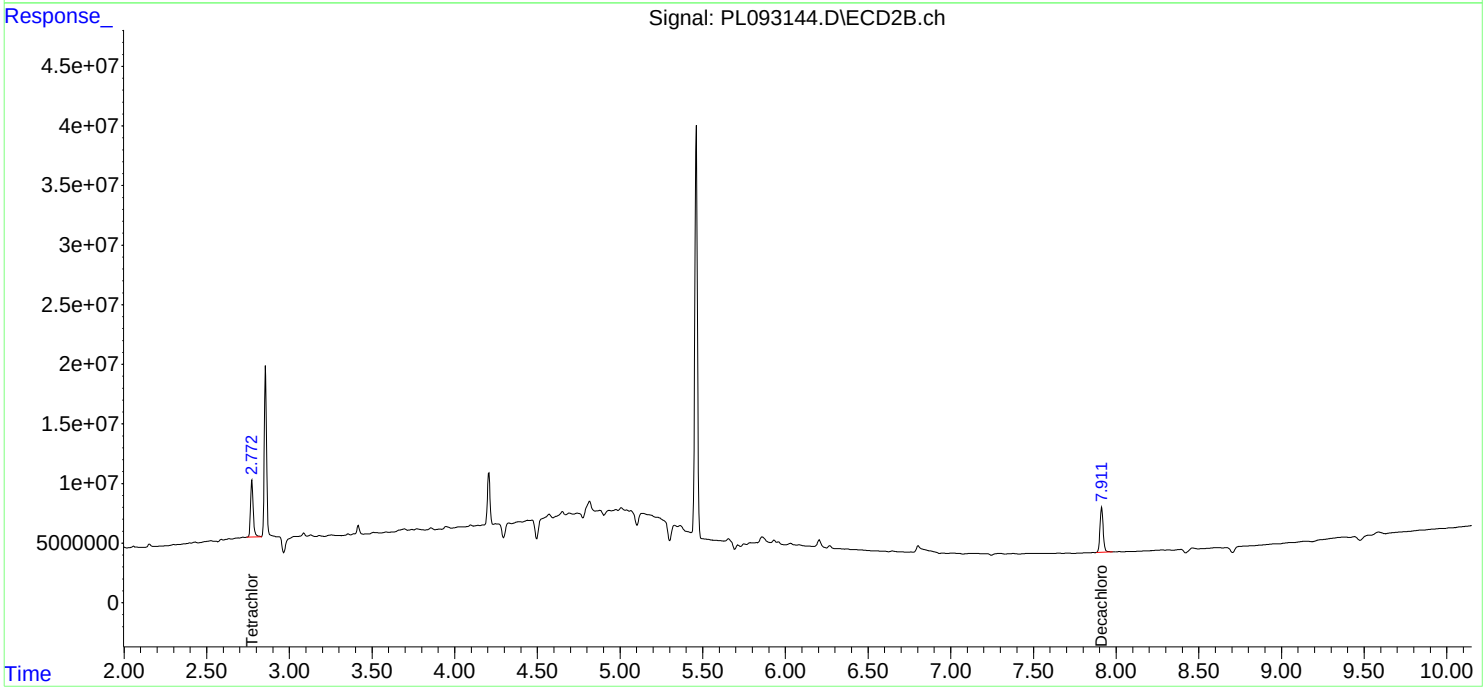
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-005

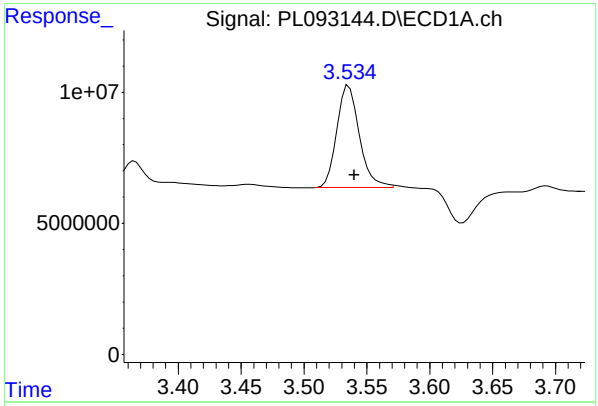
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:04:19 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







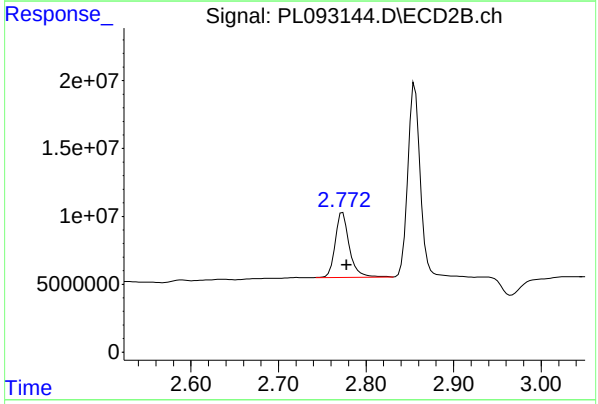
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 48591948
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-005

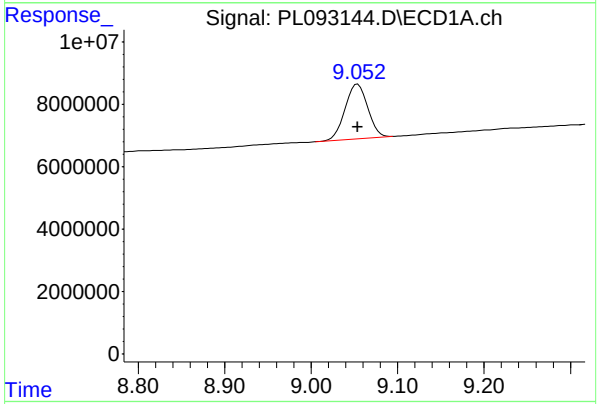
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



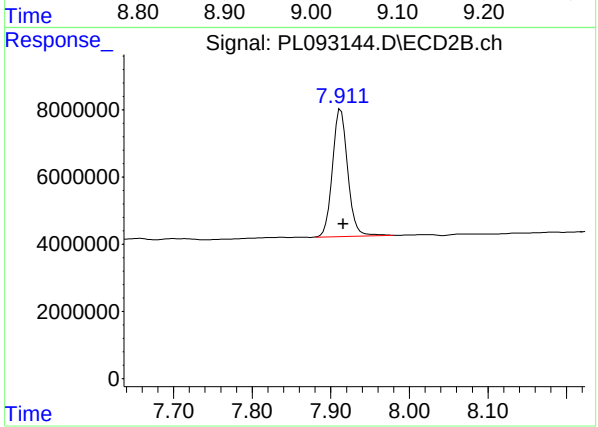
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 53548701
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 31773803
Conc: 16.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 51111175
Conc: 18.73 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:05
Operator : AR\AJ
Sample : PB165046BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165046BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:00:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.536	2.773	47434026	49283232	19.359	18.111
28)	SA Decachlor...	9.054	7.913	32055083	51659087	16.656	18.928
	Target Compounds						

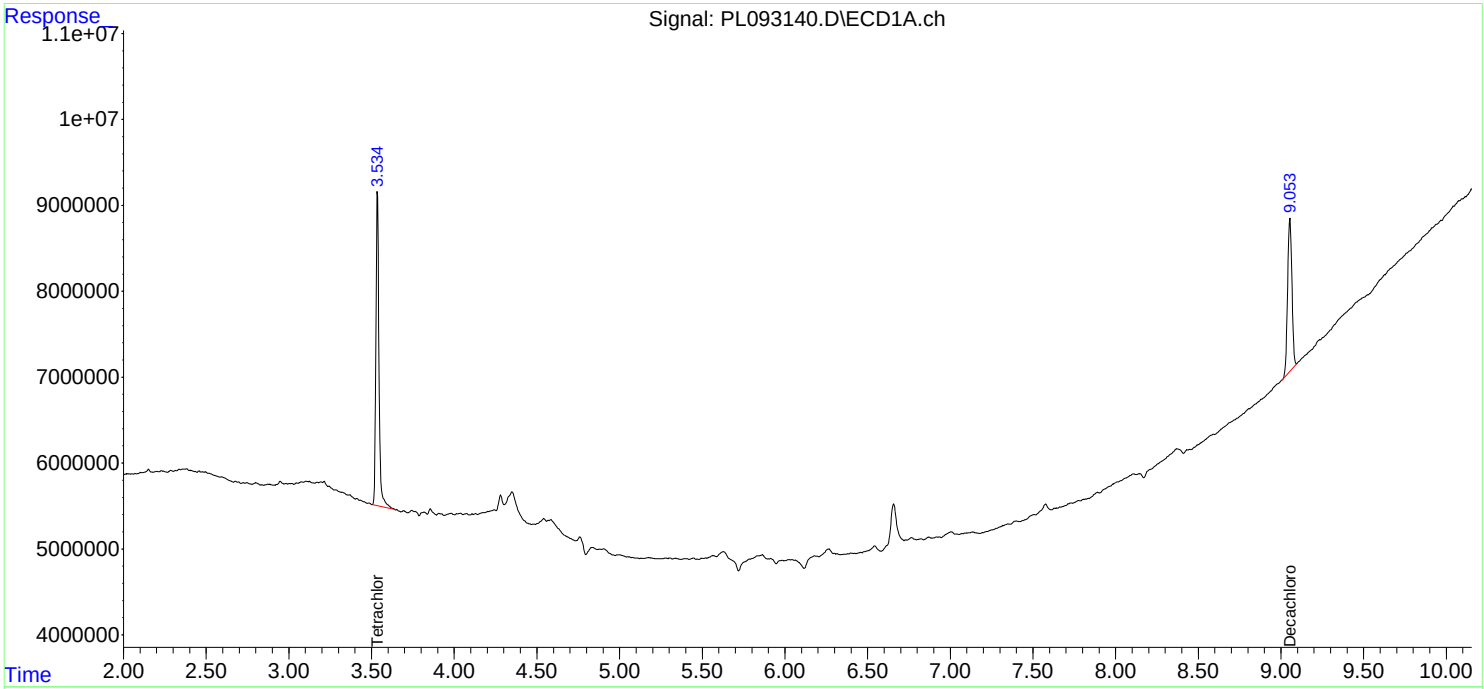
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

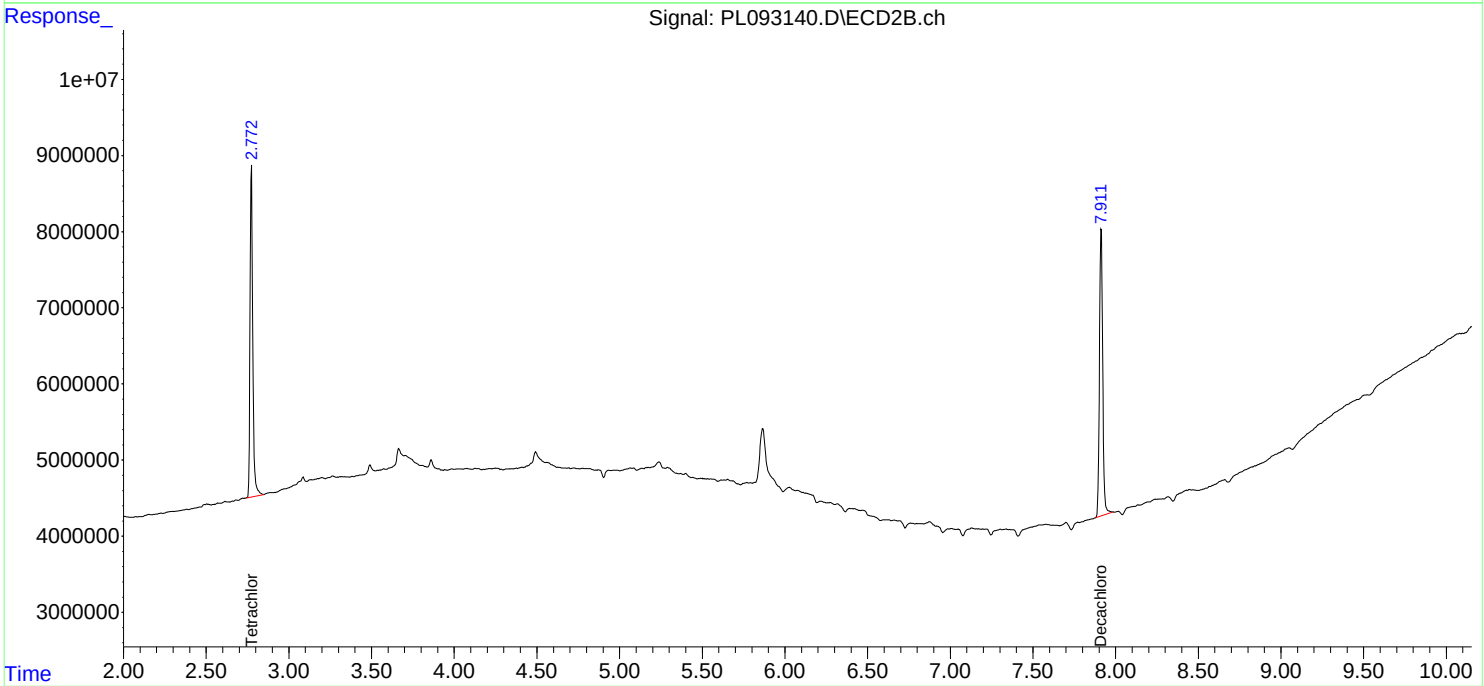
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093140.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 14:05
Operator : AR\AJ
Sample : PB165046BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

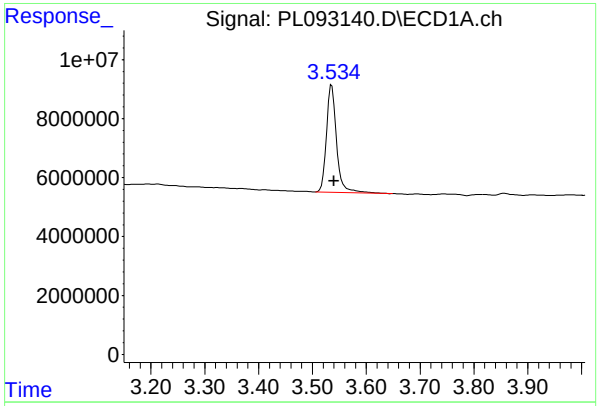
Instrument :
ECD_L
ClientSampleId :
PB165046BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:00:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



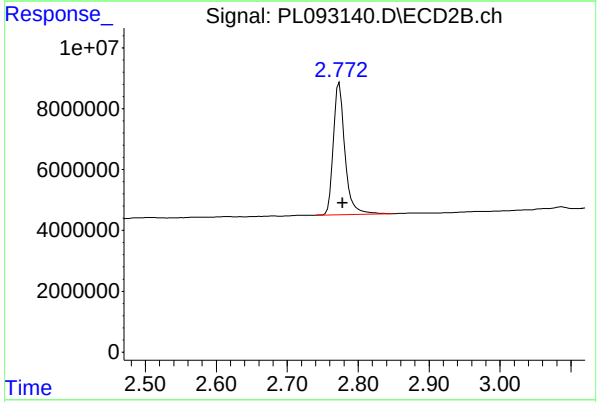




#1 Tetrachloro-m-xylene

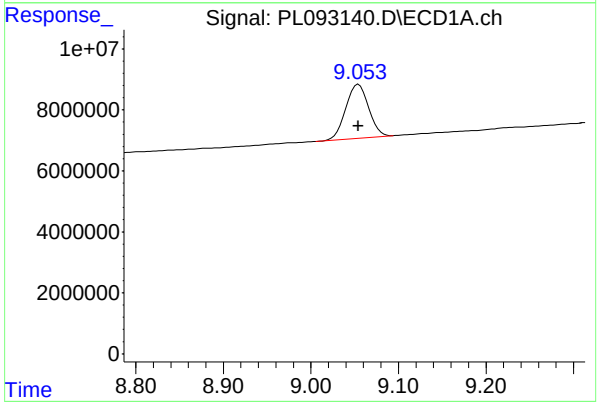
R.T.: 3.536 min
Delta R.T.: -0.004 mi
Response: 47434026
Conc: 19.36 ng/m

Instrument :
ECD_L
ClientSampleId :
PB165046BL



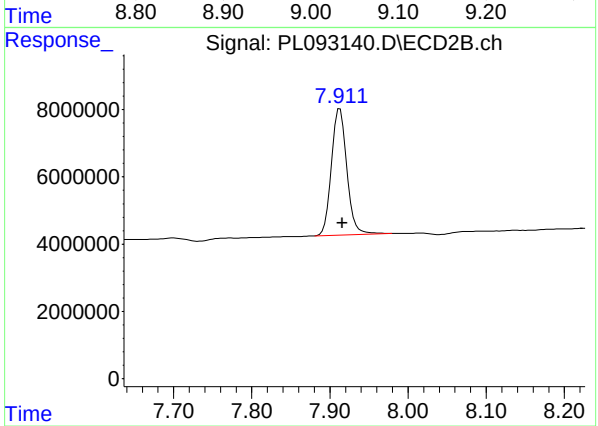
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.004 min
Response: 49283232
Conc: 18.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 32055083
Conc: 16.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 51659087
Conc: 18.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 13:52
Operator : AR\AJ
Sample : PB165046BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB165046BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.536	2.774	49360549	49529498	20.145	18.202
28)	SA	Decachlor...	9.054	7.913	27470790	44711539	14.274	16.382
		Target Compounds						
2)	A	alpha-BHC	3.993	3.277	169.9E6	203.5E6	50.084	51.009
3)	MA	gamma-BHC...	4.324	3.607	158.3E6	193.6E6	48.551m	50.175
4)	MA	Heptachlor	4.914	3.946	148.5E6	205.6E6	49.447	54.472
5)	MB	Aldrin	5.256	4.226	139.5E6	180.8E6	46.486	49.392
6)	B	beta-BHC	4.523	3.907	70453308	84759341	48.741	51.486
7)	B	delta-BHC	4.770	4.136	135.6E6	160.5E6	43.311	41.762
8)	B	Heptachlo...	5.682	4.729	128.3E6	170.8E6	46.460	51.105
9)	A	Endosulfan I	6.069	5.098	119.4E6	162.3E6	47.740	53.153
10)	B	gamma-Chl...	5.938	4.979	127.2E6	180.1E6	47.818	53.565
11)	B	alpha-Chl...	6.017	5.042	127.7E6	177.0E6	48.205	53.205
12)	B	4,4'-DDE	6.191	5.232	115.1E6	174.7E6	48.579	54.239
13)	MA	Dieldrin	6.343	5.363	126.2E6	177.0E6	47.900	52.991
14)	MA	Endrin	6.573	5.638	106.6E6	162.6E6	46.816	56.214
15)	B	Endosulfa...	6.793	5.933	109.0E6	151.6E6	45.741	53.520
16)	A	4,4'-DDD	6.707	5.786	89985487	135.0E6	46.879m	54.226
17)	MA	4,4'-DDT	7.022	6.037	102.2E6	141.8E6	49.373	52.867
18)	B	Endrin al...	6.922	6.112	84775799	116.3E6	45.142	50.403
19)	B	Endosulfa...	7.157	6.335	96158498	135.7E6	44.306	50.325
20)	A	Methoxychlor	7.499	6.612	52577850	74791686	46.121	52.374
21)	B	Endrin ke...	7.642	6.839	112.5E6	157.8E6	46.450	51.409m
22)		Mirex	8.116	7.020	79171493	114.2E6	39.951	43.768m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093139.D**

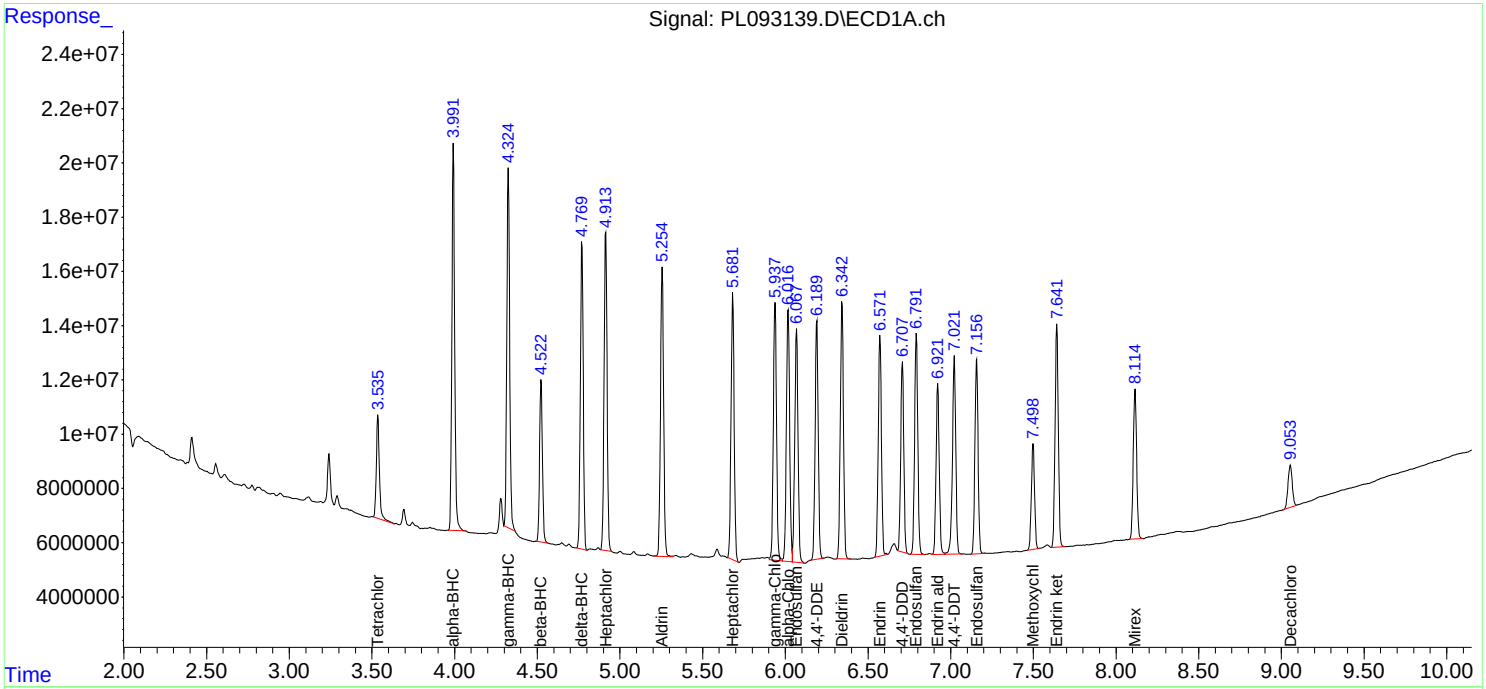
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093139.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 13:52
Operator : AR\AJ
Sample : PB165046BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

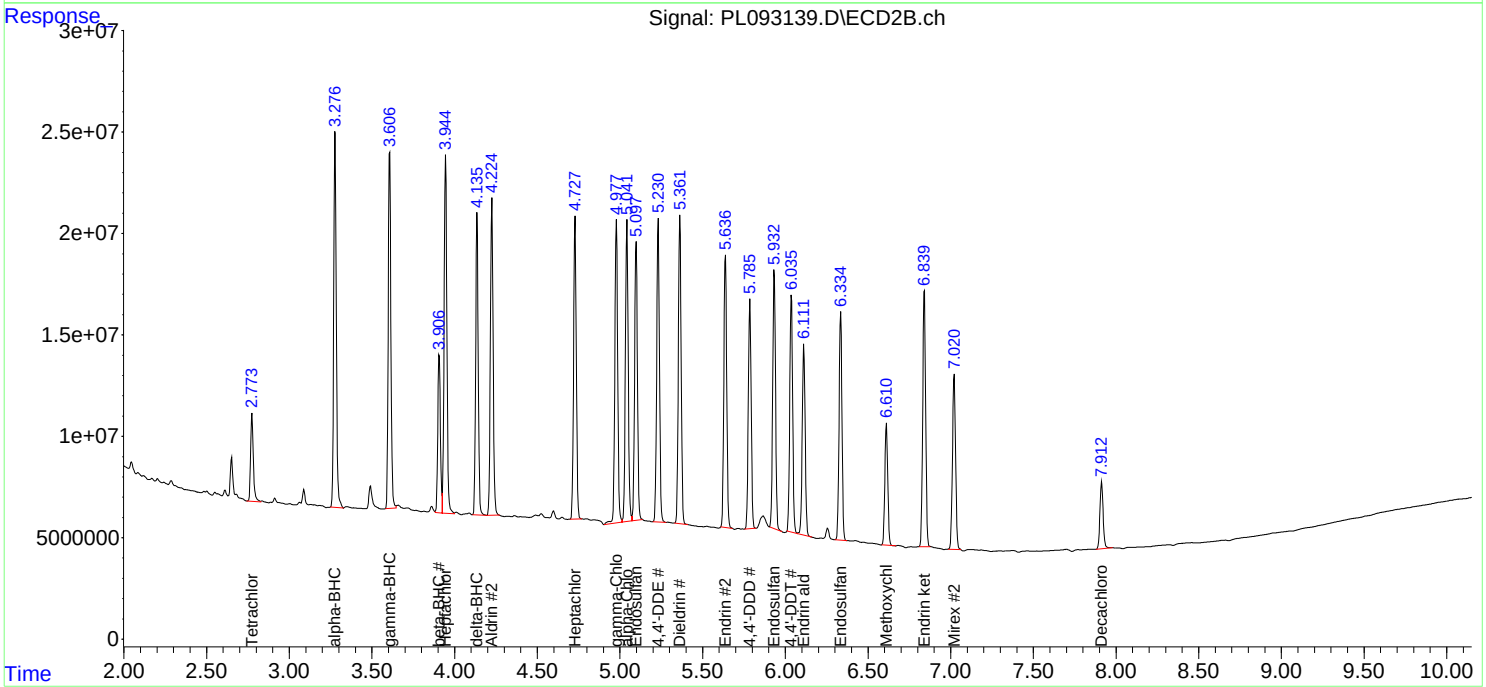
Instrument :
ECD_L
ClientSampleId :
PB165046BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 22:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:37
Operator : AR\AJ
Sample : P4860-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:07:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.534	2.774	37307607	39587444	15.226m	14.548
28)	SA Decachlor...	9.053	7.913	28072872	43529296	14.587	15.949
	Target Compounds						
2)	A alpha-BHC	3.993	3.277	157.4E6	188.9E6	46.402	47.334
3)	MA gamma-BHC...	4.325	3.607	149.4E6	180.3E6	45.835	46.720
4)	MA Heptachlor	4.914	3.946	141.2E6	188.8E6	47.021	50.034
5)	MB Aldrin	5.255	4.225	132.7E6	177.3E6	44.223	48.434
6)	B beta-BHC	4.523	3.907	67499138	82071127	46.697	49.853
7)	B delta-BHC	4.770	4.136	118.7E6	152.5E6	37.938	39.682
8)	B Heptachlo...	5.682	4.728	122.3E6	161.9E6	44.290	48.451
9)	A Endosulfan I	6.068	5.098	111.5E6	143.6E6	44.566	47.030
10)	B gamma-Chl...	5.937	4.977	123.3E6	170.1E6	46.328	50.587m
11)	B alpha-Chl...	6.017	5.042	121.0E6	169.8E6	45.699	51.050
12)	B 4,4'-DDE	6.190	5.231	110.1E6	169.4E6	46.489	52.581
13)	MA Dieldrin	6.343	5.362	116.7E6	168.5E6	44.266	50.454
14)	MA Endrin	6.571	5.637	101.5E6	151.9E6	44.585m	52.512m
15)	B Endosulfa...	6.791	5.933	106.2E6	140.6E6	44.554m	49.639
16)	A 4,4'-DDD	6.707	5.786	88274481	129.5E6	45.988m	52.011
17)	MA 4,4'-DDT	7.022	6.036	104.0E6	137.0E6	50.237	51.077
18)	B Endrin al...	6.921	6.112	77298481	106.7E6	41.161m	46.261
19)	B Endosulfa...	7.157	6.335	91023048	126.1E6	41.940	46.765
20)	A Methoxychlor	7.499	6.612	49633750	70726700	43.538	49.527
21)	B Endrin ke...	7.642	6.841	106.1E6	145.5E6	43.812	47.404
22)	Mirex	8.116	7.021	75067847	109.8E6	37.880	42.077

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Sample Results: **PL093147.D**

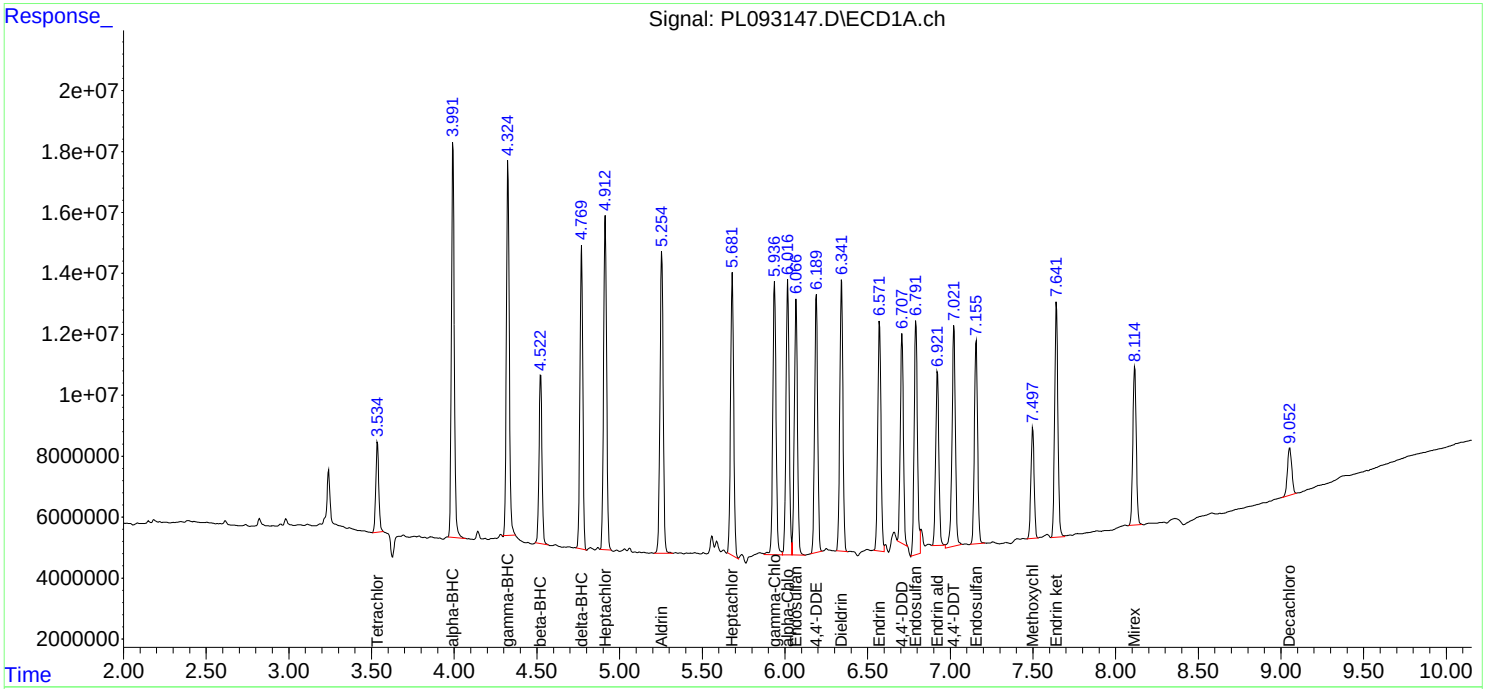
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:37
Operator : AR\AJ
Sample : P4860-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

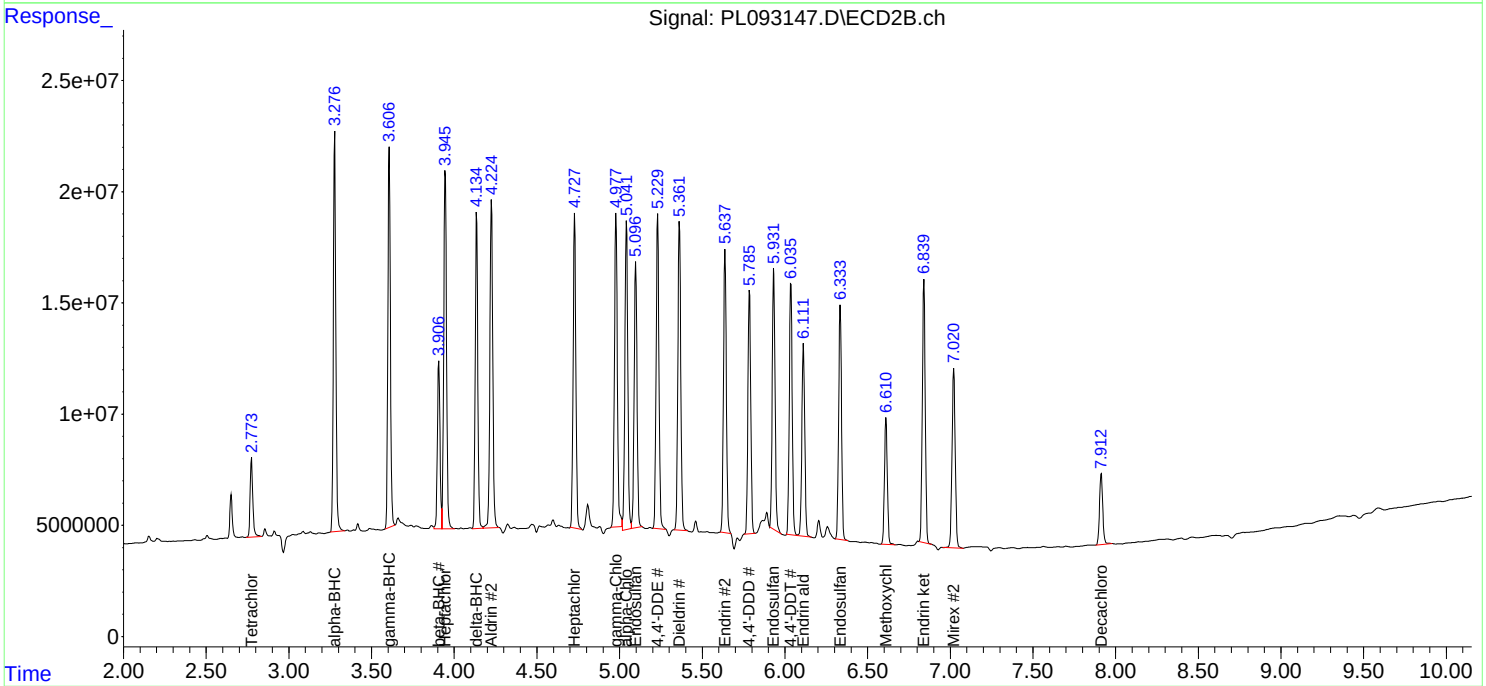
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:07:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:50
Operator : AR\AJ
Sample : P4860-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:08:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.534	2.774	36909990	38702462	15.064m	14.223
28)	SA	Decachlor...	9.053	7.912	27957990	42945544	14.527	15.735
		Target Compounds						
2)	A	alpha-BHC	3.992	3.277	156.3E6	186.4E6	46.076	46.710
3)	MA	gamma-BHC...	4.324	3.607	148.0E6	177.9E6	45.404	46.082
4)	MA	Heptachlor	4.913	3.946	140.2E6	186.1E6	46.698	49.322
5)	MB	Aldrin	5.255	4.225	131.3E6	175.0E6	43.741	47.803
6)	B	beta-BHC	4.523	3.907	66271382	80243137	45.848	48.743
7)	B	delta-BHC	4.770	4.136	117.7E6	150.0E6	37.618	39.035
8)	B	Heptachlo...	5.682	4.728	122.6E6	160.7E6	44.410	48.088
9)	A	Endosulfan I	6.067	5.098	111.1E6	135.1E6	44.405	44.253
10)	B	gamma-Chl...	5.938	4.977	123.3E6	167.0E6	46.333	49.676m
11)	B	alpha-Chl...	6.017	5.043	120.5E6	167.0E6	45.490	50.214
12)	B	4,4'-DDE	6.190	5.231	109.4E6	168.7E6	46.165	52.351
13)	MA	Dieldrin	6.342	5.363	115.9E6	167.3E6	43.971	50.087
14)	MA	Endrin	6.571	5.638	101.9E6	156.2E6	44.739m	53.993
15)	B	Endosulfa...	6.791	5.933	108.0E6	140.0E6	45.320m	49.427
16)	A	4,4'-DDD	6.707	5.786	89272736	131.7E6	46.508m	52.881
17)	MA	4,4'-DDT	7.022	6.035	103.8E6	138.9E6	50.169	51.787m
18)	B	Endrin al...	6.920	6.112	77651355	105.5E6	41.348m	45.737
19)	B	Endosulfa...	7.157	6.335	91597503	126.8E6	42.204	47.022
20)	A	Methoxychlor	7.498	6.611	49288302	70014676	43.235	49.029
21)	B	Endrin ke...	7.642	6.841	106.5E6	144.9E6	43.941	47.217
22)		Mirex	8.115	7.020	75442808	108.7E6	38.070	41.679

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:50
Operator : AR\AJ
Sample : P4860-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

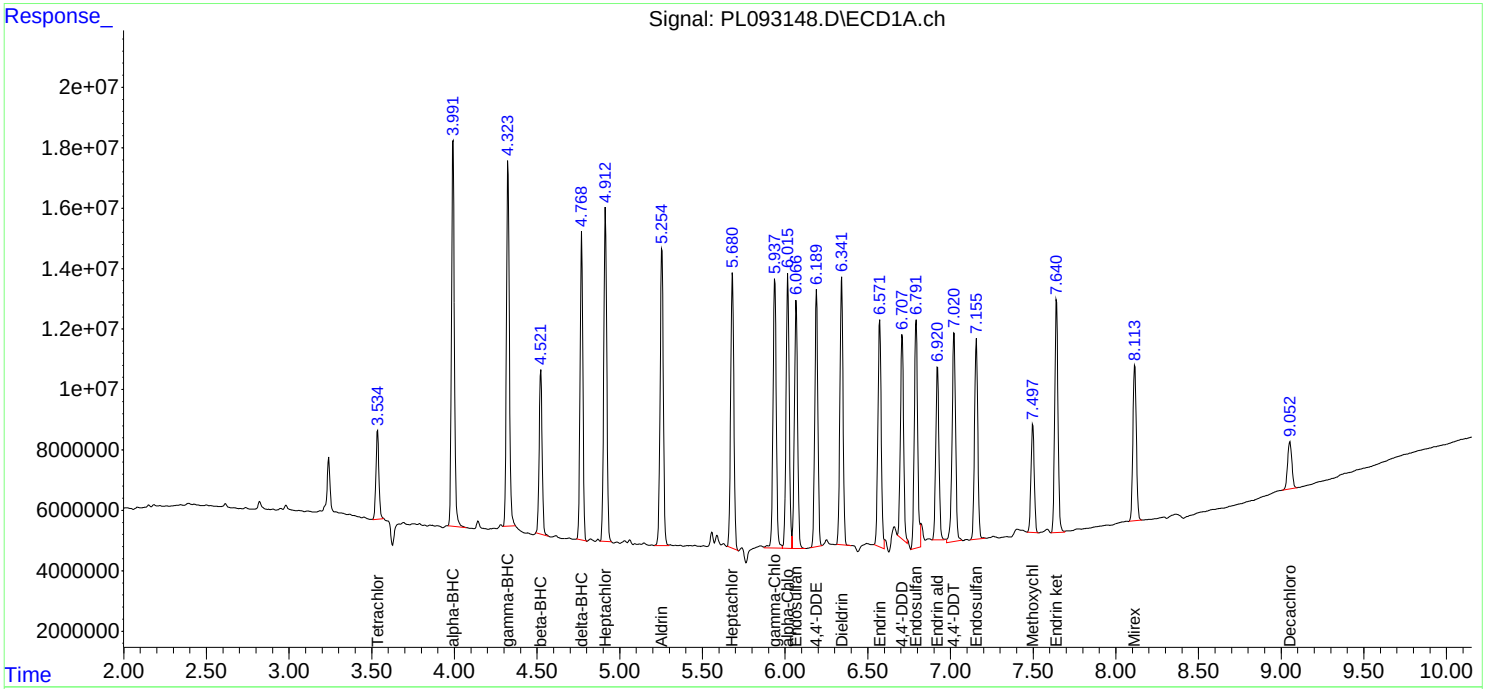
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:08:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

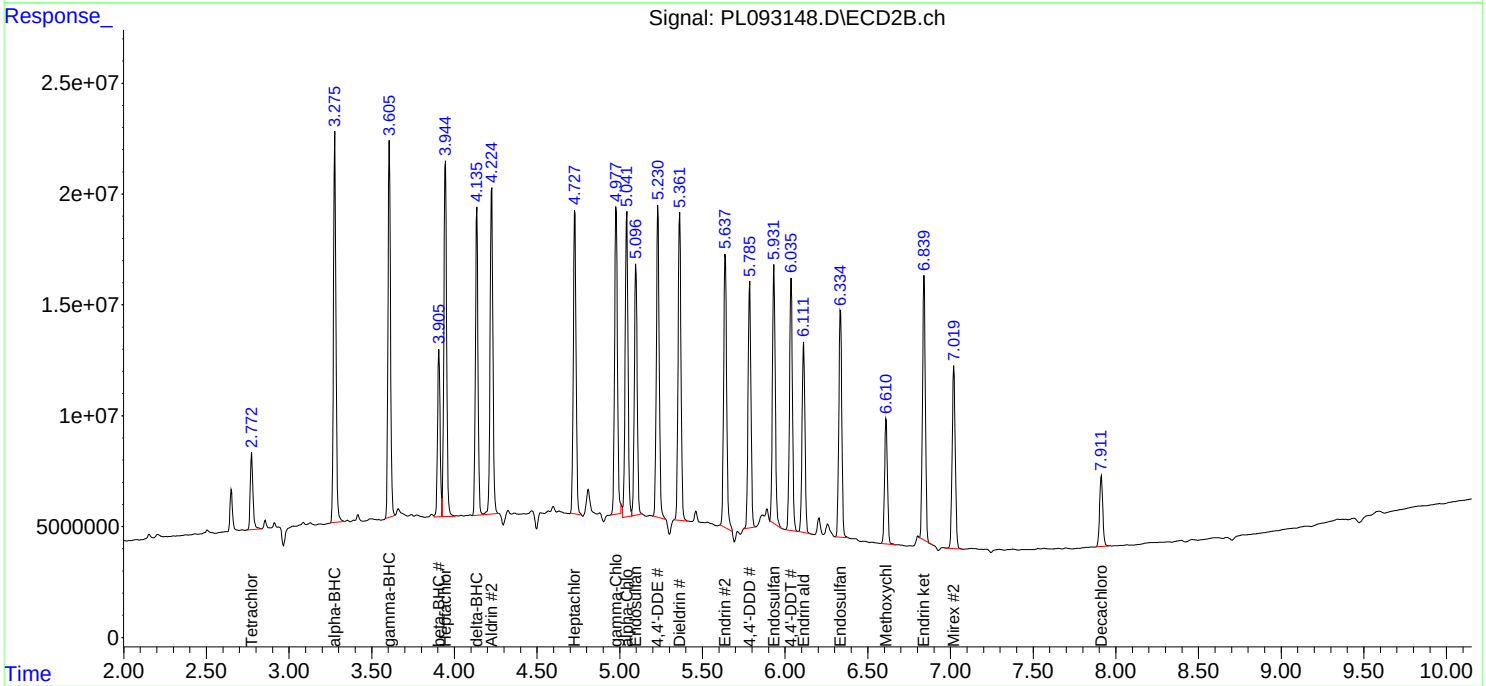
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL102824	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092653.D	4,4"-DDD	Abdul	10/29/2024 9:08:09 AM	Ankita	10/29/2024 10:01:26	Peak Integrated by Software
PEM	PL092653.D	4,4"-DDD #2	Abdul	10/29/2024 9:08:09 AM	Ankita	10/29/2024 10:01:26	Peak Integrated by Software
PSTDICC005	PL092659.D	delta-BHC	Abdul	10/29/2024 9:08:13 AM	Ankita	10/29/2024 10:01:28	Peak Integrated by Software
PSTDICC005	PL092659.D	Heptachlor epoxide	Abdul	10/29/2024 9:08:13 AM	Ankita	10/29/2024 10:01:28	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDD #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDE	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	4,4"-DDE #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PEM	PL092674.D	Endrin ketone #2	Abdul	10/29/2024 9:08:21 AM	Ankita	10/29/2024 10:01:31	Peak Integrated by Software
PSTDCCC050	PL092675.D	Aldrin	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	Dieldrin #2	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	gamma-BHC (Lindane)	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
PSTDCCC050	PL092675.D	Tetrachloro-m-xylene #2	Abdul	10/29/2024 9:08:25 AM	Ankita	10/29/2024 10:01:33	Peak Integrated by Software
I.BLK	PL092690.D	Tetrachloro-m-xylene #2	Abdul	10/29/2024 9:09:28 AM	Ankita	10/29/2024 10:02:09	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL102824	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL092691.D	Endosulfan II #2	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	gamma-Chlordane	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	Heptachlor epoxide	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software
PSTDCCC050	PL092691.D	Mirex #2	Abdul	10/29/2024 9:09:32 AM	Ankita	10/29/2024 10:02:10	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pl111824	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093099.D	Endrin	yogesh	11/19/2024 9:09:06 AM	Ankita	11/19/2024 4:46:48	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDD	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDE #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	4,4"-DDT	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-03	PL093107.D	Tetrachloro-m-xylene #2	yogesh	11/19/2024 9:10:09 AM	Ankita	11/19/2024 4:46:57	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDD	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDT	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	4,4"-DDT #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	alpha-Chlordane	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	Decachlorobiphenyl	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pl111824	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-04	PL093108.D	gamma-Chlordane	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	gamma-Chlordane #2	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-04	PL093108.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:11 AM	Ankita	11/19/2024 4:46:59	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDD	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDD #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDE	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDE #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	4,4"-DDT	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	alpha-Chlordane #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	gamma-Chlordane	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	gamma-Chlordane #2	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
P4860-05	PL093109.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:13 AM	Ankita	11/19/2024 4:47:02	Peak Integrated by Software
PEM	PL093111.D	Endrin	yogesh	11/19/2024 9:10:15 AM	Ankita	11/19/2024 4:47:04	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	pl111824	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-06	PL093113.D	Tetrachloro-m-xylene	yogesh	11/19/2024 9:10:41 AM	Ankita	11/19/2024 4:47:06	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL093137.D	4,4"-DDD	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	4,4"-DDD #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	4,4"-DDT #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	Endrin	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PEM	PL093137.D	Endrin ketone #2	yogesh	11/20/2024 7:59:06 AM	Ankita	11/20/2024 11:55:44	Peak Integrated by Software
PSTDCCC050	PL093138.D	4,4"-DDD	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PSTDCCC050	PL093138.D	4,4"-DDT #2	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PSTDCCC050	PL093138.D	Endosulfan II #2	yogesh	11/20/2024 7:59:09 AM	Ankita	11/20/2024 11:55:46	Peak Integrated by Software
PB165046BS	PL093139.D	4,4"-DDD	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	Endrin ketone #2	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	gamma-BHC (Lindane)	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
PB165046BS	PL093139.D	Mirex #2	yogesh	11/20/2024 7:59:12 AM	Ankita	11/20/2024 11:55:48	Peak Integrated by Software
P4860-01	PL093141.D	4,4"-DDD	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-01	PL093141.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	4,4"-DDE	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	alpha-Chlordane	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	gamma-Chlordane	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-01	PL093141.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:29 AM	Ankita	11/20/2024 11:55:50	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDD	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDE #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	4,4"-DDT	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	alpha-Chlordane	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-02	PL093142.D	Dieldrin	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	Dieldrin #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	gamma-Chlordane	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-02	PL093142.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:31 AM	Ankita	11/20/2024 11:55:52	Peak Integrated by Software
P4860-09	PL093143.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:32 AM	Ankita	11/20/2024 11:55:53	Peak Integrated by Software
P4860-10	PL093144.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:35 AM	Ankita	11/20/2024 11:55:55	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDD	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	4,4"-DDT	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	alpha-Chlordane #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software
P4860-07	PL093145.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:36 AM	Ankita	11/20/2024 11:55:58	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-08	PL093146.D	4,4"-DDD	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDE #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDT	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08	PL093146.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:38 AM	Ankita	11/20/2024 11:56:00	Peak Integrated by Software
P4860-08MS	PL093147.D	4,4"-DDD	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endosulfan II	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin #2	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Endrin aldehyde	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	gamma-Chlordane #2	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software
P4860-08MS	PL093147.D	Tetrachloro-m-xylene	yogesh	11/20/2024 7:59:29 AM	Ankita	11/20/2024 11:56:01	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4860-08MSD	PL093148.D	4,4"-DDD	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endosulfan II	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endrin	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Endrin aldehyde	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	gamma-Chlordane #2	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
P4860-08MSD	PL093148.D	Tetrachloro-m-xylene	yogesh	11/20/2024 11:54:40 AM	Ankita	11/20/2024 11:56:03	Peak Integrated by Software
PSTDCCC050	PL093153.D	4,4"-DDD #2	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093153.D	Aldrin	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093153.D	gamma-Chlordane	yogesh	11/20/2024 7:59:40 AM	Ankita	11/20/2024 11:56:15	Peak Integrated by Software
PSTDCCC050	PL093166.D	4,4"-DDD #2	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software
PSTDCCC050	PL093166.D	4,4"-DDT #2	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software
PSTDCCC050	PL093166.D	Aldrin	yogesh	11/20/2024 11:54:54 AM	Ankita	11/20/2024 11:56:35	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PL111924	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM		
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM		
SubDirectory	PL102824	HP Acquire Method		HP Processing Method	pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092651.D	28 Oct 2024 13:41	AR\AJ	Ok
2	I.BLK	PL092652.D	28 Oct 2024 13:55	AR\AJ	Ok
3	PEM	PL092653.D	28 Oct 2024 14:16	AR\AJ	Ok,M
4	RESCHK	PL092654.D	28 Oct 2024 14:29	AR\AJ	Ok
5	PSTDICC100	PL092655.D	28 Oct 2024 14:43	AR\AJ	Ok
6	PSTDICC075	PL092656.D	28 Oct 2024 14:56	AR\AJ	Ok
7	PSTDICC050	PL092657.D	28 Oct 2024 15:09	AR\AJ	Ok
8	PSTDICC025	PL092658.D	28 Oct 2024 15:23	AR\AJ	Ok
9	PSTDICC005	PL092659.D	28 Oct 2024 15:36	AR\AJ	Ok,M
10	PCHLORICC1000	PL092660.D	28 Oct 2024 15:49	AR\AJ	Ok
11	PCHLORICC750	PL092661.D	28 Oct 2024 16:03	AR\AJ	Ok
12	PCHLORICC500	PL092662.D	28 Oct 2024 16:16	AR\AJ	Ok
13	PCHLORICC250	PL092663.D	28 Oct 2024 16:30	AR\AJ	Ok
14	PCHLORICC050	PL092664.D	28 Oct 2024 16:43	AR\AJ	Ok
15	PTOXICC1000	PL092665.D	28 Oct 2024 16:56	AR\AJ	Ok
16	PTOXICC750	PL092666.D	28 Oct 2024 17:10	AR\AJ	Ok
17	PTOXICC500	PL092667.D	28 Oct 2024 17:23	AR\AJ	Ok
18	PTOXICC250	PL092668.D	28 Oct 2024 17:37	AR\AJ	Ok
19	PTOXICC100	PL092669.D	28 Oct 2024 17:50	AR\AJ	Ok,M
20	PSTDICV050	PL092670.D	28 Oct 2024 18:03	AR\AJ	Ok
21	PCHLORICV500	PL092671.D	28 Oct 2024 18:30	AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM		
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM		
SubDirectory	PL102824	HP Acquire Method		HP Processing Method	pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL092672.D	28 Oct 2024 18:57	AR\AJ	Ok
23	I.BLK	PL092673.D	28 Oct 2024 19:24	AR\AJ	Ok
24	PEM	PL092674.D	28 Oct 2024 19:37	AR\AJ	Ok,M
25	PSTDCCC050	PL092675.D	28 Oct 2024 19:51	AR\AJ	Ok,M
26	PB164460BL	PL092676.D	28 Oct 2024 20:04	AR\AJ	Ok,M
27	PB164460BS	PL092677.D	28 Oct 2024 20:17	AR\AJ	Ok,M
28	P4575-01	PL092678.D	28 Oct 2024 20:31	AR\AJ	Ok,M
29	P4566-01	PL092679.D	28 Oct 2024 20:44	AR\AJ	Ok,M
30	P4567-01	PL092680.D	28 Oct 2024 20:57	AR\AJ	Ok,M
31	P4567-05	PL092681.D	28 Oct 2024 21:11	AR\AJ	Ok
32	P4567-09	PL092682.D	28 Oct 2024 21:24	AR\AJ	Ok,M
33	P4574-01	PL092683.D	28 Oct 2024 21:38	AR\AJ	Ok,M
34	P4574-04	PL092684.D	28 Oct 2024 21:51	AR\AJ	Ok,M
35	P4577-01	PL092685.D	28 Oct 2024 22:04	AR\AJ	Ok,M
36	P4561-01	PL092686.D	28 Oct 2024 22:18	AR\AJ	Ok,M
37	P4561-01MS	PL092687.D	28 Oct 2024 22:31	AR\AJ	Ok,M
38	P4561-01MSD	PL092688.D	28 Oct 2024 22:44	AR\AJ	Ok,M
39	P4561-05	PL092689.D	28 Oct 2024 22:58	AR\AJ	Ok,M
40	I.BLK	PL092690.D	28 Oct 2024 23:11	AR\AJ	Ok,M
41	PSTDCCC050	PL092691.D	29 Oct 2024 00:32	AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM		
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM		
SubDirectory	PL111824	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093097.D	18 Nov 2024 09:19	AR\AJ	Ok
2	I.BLK	PL093098.D	18 Nov 2024 09:32	AR\AJ	Ok
3	PEM	PL093099.D	18 Nov 2024 09:46	AR\AJ	Ok,M
4	PSTDCCC050	PL093100.D	18 Nov 2024 09:59	AR\AJ	Ok
5	PB164992BL	PL093101.D	18 Nov 2024 10:12	AR\AJ	Ok
6	P4848-01	PL093102.D	18 Nov 2024 10:25	AR\AJ	Ok,M
7	PB165046BL	PL093103.D	18 Nov 2024 11:33	AR\AJ	Not Ok
8	PB165046BS	PL093104.D	18 Nov 2024 11:46	AR\AJ	Not Ok
9	P4860-01	PL093105.D	18 Nov 2024 12:00	AR\AJ	Not Ok
10	P4860-02	PL093106.D	18 Nov 2024 12:13	AR\AJ	Not Ok
11	P4860-03	PL093107.D	18 Nov 2024 12:26	AR\AJ	Ok,M
12	P4860-04	PL093108.D	18 Nov 2024 12:39	AR\AJ	Ok,M
13	P4860-05	PL093109.D	18 Nov 2024 12:52	AR\AJ	Ok,M
14	I.BLK	PL093110.D	18 Nov 2024 13:05	AR\AJ	Ok
15	PEM	PL093111.D	18 Nov 2024 13:19	AR\AJ	Ok,M
16	PSTDCCC050	PL093112.D	18 Nov 2024 13:32	AR\AJ	Ok
17	P4860-06	PL093113.D	18 Nov 2024 13:45	AR\AJ	Ok,M
18	P4860-07	PL093114.D	18 Nov 2024 13:58	AR\AJ	Not Ok
19	P4860-08	PL093115.D	18 Nov 2024 14:11	AR\AJ	Not Ok
20	P4860-08MS	PL093116.D	18 Nov 2024 14:24	AR\AJ	Not Ok
21	P4860-08MSD	PL093117.D	18 Nov 2024 14:38	AR\AJ	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM		
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM		
SubDirectory	PL111824	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4860-09	PL093118.D	18 Nov 2024 14:51	AR\AJ	Not Ok
23	P4860-10	PL093119.D	18 Nov 2024 15:04	AR\AJ	Not Ok
24	P4869-01	PL093120.D	18 Nov 2024 15:17	AR\AJ	Ok,M
25	P4887-01	PL093121.D	18 Nov 2024 15:30	AR\AJ	Ok,M
26	P4887-05	PL093122.D	18 Nov 2024 15:43	AR\AJ	Ok,M
27	P4889-01	PL093123.D	18 Nov 2024 15:56	AR\AJ	Dilution
28	P4889-03	PL093124.D	18 Nov 2024 16:10	AR\AJ	Ok,M
29	P4889-05	PL093125.D	18 Nov 2024 16:23	AR\AJ	Not Ok
30	PB165053BL	PL093126.D	18 Nov 2024 16:36	AR\AJ	Ok
31	PB165053BS	PL093127.D	18 Nov 2024 16:49	AR\AJ	Ok,M
32	PB165019TB	PL093128.D	18 Nov 2024 17:02	AR\AJ	Ok
33	P4861-01	PL093129.D	18 Nov 2024 17:16	AR\AJ	Ok
34	P4861-01MS	PL093130.D	18 Nov 2024 17:29	AR\AJ	Ok,M
35	P4861-01MSD	PL093131.D	18 Nov 2024 17:42	AR\AJ	Ok,M
36	P4871-01	PL093132.D	18 Nov 2024 17:55	AR\AJ	Ok
37	I.BLK	PL093133.D	18 Nov 2024 18:08	AR\AJ	Ok
38	PSTDCCC050	PL093134.D	18 Nov 2024 18:21	AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM		
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM		
SubDirectory	PL111924	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL093135.D	19 Nov 2024 12:18	AR\AJ	Ok
2	I.BLK	PL093136.D	19 Nov 2024 12:44	AR\AJ	Ok
3	PEM	PL093137.D	19 Nov 2024 12:57	AR\AJ	Ok,M
4	PSTDCCC050	PL093138.D	19 Nov 2024 13:25	AR\AJ	Ok,M
5	PB165046BS	PL093139.D	19 Nov 2024 13:52	AR\AJ	Ok,M
6	PB165046BL	PL093140.D	19 Nov 2024 14:05	AR\AJ	Ok
7	P4860-01	PL093141.D	19 Nov 2024 14:18	AR\AJ	Ok,M
8	P4860-02	PL093142.D	19 Nov 2024 14:31	AR\AJ	Ok,M
9	P4860-09	PL093143.D	19 Nov 2024 14:44	AR\AJ	Ok,M
10	P4860-10	PL093144.D	19 Nov 2024 14:57	AR\AJ	Ok,M
11	P4860-07	PL093145.D	19 Nov 2024 15:11	AR\AJ	Ok,M
12	P4860-08	PL093146.D	19 Nov 2024 15:24	AR\AJ	Ok,M
13	P4860-08MS	PL093147.D	19 Nov 2024 15:37	AR\AJ	Ok,M
14	P4860-08MSD	PL093148.D	19 Nov 2024 15:50	AR\AJ	Ok,M
15	P4889-01DL	PL093149.D	19 Nov 2024 16:03	AR\AJ	Ok,NR
16	P4889-05	PL093150.D	19 Nov 2024 16:16	AR\AJ	Dilution
17	P4889-05DL	PL093151.D	19 Nov 2024 16:30	AR\AJ	Ok,M
18	I.BLK	PL093152.D	19 Nov 2024 16:43	AR\AJ	Ok
19	PSTDCCC050	PL093153.D	19 Nov 2024 16:56	AR\AJ	Ok,M
20	PB165083BL	PL093154.D	19 Nov 2024 17:22	AR\AJ	Ok
21	PB165083BS	PL093155.D	19 Nov 2024 17:36	AR\AJ	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM		
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM		
SubDirectory	PL111924	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4893-01	PL093156.D	19 Nov 2024 17:49	AR\AJ	Ok,M
23	P4893-05	PL093157.D	19 Nov 2024 18:02	AR\AJ	Not Ok
24	P4908-01	PL093158.D	19 Nov 2024 18:15	AR\AJ	Ok,M
25	P4908-03	PL093159.D	19 Nov 2024 18:28	AR\AJ	Ok,M
26	P4909-01	PL093160.D	19 Nov 2024 18:41	AR\AJ	Ok,M
27	P4910-01	PL093161.D	19 Nov 2024 18:55	AR\AJ	Ok,M
28	P4910-01MS	PL093162.D	19 Nov 2024 19:08	AR\AJ	Ok,M
29	P4910-01MSD	PL093163.D	19 Nov 2024 19:21	AR\AJ	Ok,M
30	P4910-05	PL093164.D	19 Nov 2024 19:34	AR\AJ	Ok
31	I.BLK	PL093165.D	19 Nov 2024 19:48	AR\AJ	Ok
32	PSTDCCC050	PL093166.D	19 Nov 2024 20:01	AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM		
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM		
SubDirectory	PL102824	HP Acquire Method		HP Processing Method	pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092651.D	28 Oct 2024 13:41		AR\AJ	Ok
2	I.BLK	I.BLK	PL092652.D	28 Oct 2024 13:55		AR\AJ	Ok
3	PEM	PEM	PL092653.D	28 Oct 2024 14:16		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL092654.D	28 Oct 2024 14:29		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL092655.D	28 Oct 2024 14:43		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL092656.D	28 Oct 2024 14:56		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL092657.D	28 Oct 2024 15:09		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL092658.D	28 Oct 2024 15:23		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL092659.D	28 Oct 2024 15:36		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL092660.D	28 Oct 2024 15:49		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL092661.D	28 Oct 2024 16:03		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL092662.D	28 Oct 2024 16:16		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL092663.D	28 Oct 2024 16:30		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL092664.D	28 Oct 2024 16:43		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL092665.D	28 Oct 2024 16:56		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL092666.D	28 Oct 2024 17:10		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL092667.D	28 Oct 2024 17:23		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL092668.D	28 Oct 2024 17:37		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM		
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM		
SubDirectory	PL102824	HP Acquire Method		HP Processing Method	pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL092669.D	28 Oct 2024 17:50		AR\AJ	Ok,M
20	PSTDICV050	ICVPL102824	PL092670.D	28 Oct 2024 18:03		AR\AJ	Ok
21	PCHLORICV500	ICVPL102824CHLOR	PL092671.D	28 Oct 2024 18:30		AR\AJ	Ok
22	PTOXICV500	ICVPL102824TOX	PL092672.D	28 Oct 2024 18:57		AR\AJ	Ok
23	I.BLK	I.BLK	PL092673.D	28 Oct 2024 19:24		AR\AJ	Ok
24	PEM	PEM	PL092674.D	28 Oct 2024 19:37		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL092675.D	28 Oct 2024 19:51		AR\AJ	Ok,M
26	PB164460BL	PB164460BL	PL092676.D	28 Oct 2024 20:04		AR\AJ	Ok,M
27	PB164460BS	PB164460BS	PL092677.D	28 Oct 2024 20:17		AR\AJ	Ok,M
28	P4575-01	PL-02-102424	PL092678.D	28 Oct 2024 20:31		AR\AJ	Ok,M
29	P4566-01	HD-01-102524	PL092679.D	28 Oct 2024 20:44		AR\AJ	Ok,M
30	P4567-01	WC-1	PL092680.D	28 Oct 2024 20:57		AR\AJ	Ok,M
31	P4567-05	WC-2	PL092681.D	28 Oct 2024 21:11		AR\AJ	Ok
32	P4567-09	WC-3	PL092682.D	28 Oct 2024 21:24		AR\AJ	Ok,M
33	P4574-01	GRAVEL-1	PL092683.D	28 Oct 2024 21:38		AR\AJ	Ok,M
34	P4574-04	GRAVEL-2	PL092684.D	28 Oct 2024 21:51		AR\AJ	Ok,M
35	P4577-01	TR-05-102524	PL092685.D	28 Oct 2024 22:04		AR\AJ	Ok,M
36	P4561-01	BP-F-19	PL092686.D	28 Oct 2024 22:18		AR\AJ	Ok,M
37	P4561-01MS	BP-F-19MS	PL092687.D	28 Oct 2024 22:31		AR\AJ	Ok,M

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102824

Review By	Abdul	Review On	10/29/2024 9:09:59 AM		
Supervise By	Ankita	Supervise On	10/29/2024 10:02:30 AM		
SubDirectory	PL102824	HP Acquire Method		HP Processing Method	pl102824 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	P4561-01MSD	BP-F-19MSD	PL092688.D	28 Oct 2024 22:44		AR\AJ	Ok,M
39	P4561-05	BP-F-18	PL092689.D	28 Oct 2024 22:58		AR\AJ	Ok,M
40	I.BLK	I.BLK	PL092690.D	28 Oct 2024 23:11		AR\AJ	Ok,M
41	PSTDCCC050	PSTDCCC050	PL092691.D	29 Oct 2024 00:32		AR\AJ	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM		
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM		
SubDirectory	PL111824	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093097.D	18 Nov 2024 09:19		AR\AJ	Ok
2	I.BLK	I.BLK	PL093098.D	18 Nov 2024 09:32		AR\AJ	Ok
3	PEM	PEM	PL093099.D	18 Nov 2024 09:46		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL093100.D	18 Nov 2024 09:59		AR\AJ	Ok
5	PB164992BL	PB164992BL	PL093101.D	18 Nov 2024 10:12		AR\AJ	Ok
6	P4848-01	TP-1	PL093102.D	18 Nov 2024 10:25		AR\AJ	Ok,M
7	PB165046BL	PB165046BL	PL093103.D	18 Nov 2024 11:33		AR\AJ	Not Ok
8	PB165046BS	PB165046BS	PL093104.D	18 Nov 2024 11:46	Comp#7 recovery fail	AR\AJ	Not Ok
9	P4860-01	DUP-01	PL093105.D	18 Nov 2024 12:00	need clean up	AR\AJ	Not Ok
10	P4860-02	PH2-BOT-001	PL093106.D	18 Nov 2024 12:13	need clean up	AR\AJ	Not Ok
11	P4860-03	PH2-BOT-002	PL093107.D	18 Nov 2024 12:26		AR\AJ	Ok,M
12	P4860-04	PH2-BOT-003	PL093108.D	18 Nov 2024 12:39		AR\AJ	Ok,M
13	P4860-05	PH2-BOT-004	PL093109.D	18 Nov 2024 12:52		AR\AJ	Ok,M
14	I.BLK	I.BLK	PL093110.D	18 Nov 2024 13:05		AR\AJ	Ok
15	PEM	PEM	PL093111.D	18 Nov 2024 13:19		AR\AJ	Ok,M
16	PSTDCCC050	PSTDCCC050	PL093112.D	18 Nov 2024 13:32		AR\AJ	Ok
17	P4860-06	PH2-BOT-009	PL093113.D	18 Nov 2024 13:45		AR\AJ	Ok,M
18	P4860-07	PH2-BOT-008	PL093114.D	18 Nov 2024 13:58	associated CCC has DDD high	AR\AJ	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM		
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM		
SubDirectory	PL111824	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	P4860-08	PH2-BOT-007	PL093115.D	18 Nov 2024 14:11	associated CCC has DDD high	AR\AJ	Not Ok
20	P4860-08MS	PH2-BOT-007MS	PL093116.D	18 Nov 2024 14:24	associated CCC has DDD high	AR\AJ	Not Ok
21	P4860-08MSD	PH2-BOT-007MSD	PL093117.D	18 Nov 2024 14:38	associated CCC has DDD high	AR\AJ	Not Ok
22	P4860-09	PH2-BOT-006	PL093118.D	18 Nov 2024 14:51	need clean up	AR\AJ	Not Ok
23	P4860-10	PH2-BOT-005	PL093119.D	18 Nov 2024 15:04	need clean up	AR\AJ	Not Ok
24	P4869-01	EO-02-11152024	PL093120.D	18 Nov 2024 15:17		AR\AJ	Ok,M
25	P4887-01	MH-739	PL093121.D	18 Nov 2024 15:30		AR\AJ	Ok,M
26	P4887-05	MH-760	PL093122.D	18 Nov 2024 15:43		AR\AJ	Ok,M
27	P4889-01	VNJ-228	PL093123.D	18 Nov 2024 15:56	Need dilution	AR\AJ	Dilution
28	P4889-03	#72-11978	PL093124.D	18 Nov 2024 16:10		AR\AJ	Ok,M
29	P4889-05	#72-11930	PL093125.D	18 Nov 2024 16:23	Need dilution- associated CCC has DDD high	AR\AJ	Not Ok
30	PB165053BL	PB165053BL	PL093126.D	18 Nov 2024 16:36		AR\AJ	Ok
31	PB165053BS	PB165053BS	PL093127.D	18 Nov 2024 16:49		AR\AJ	Ok,M
32	PB165019TB	PB165019TB	PL093128.D	18 Nov 2024 17:02		AR\AJ	Ok
33	P4861-01	WC-11-A-202411	PL093129.D	18 Nov 2024 17:16		AR\AJ	Ok
34	P4861-01MS	WC-11-A-202411MS	PL093130.D	18 Nov 2024 17:29		AR\AJ	Ok,M
35	P4861-01MSD	WC-11-A-202411MSD	PL093131.D	18 Nov 2024 17:42		AR\AJ	Ok,M
36	P4871-01	WC-10-A-202411	PL093132.D	18 Nov 2024 17:55		AR\AJ	Ok
37	I.BLK	I.BLK	PL093133.D	18 Nov 2024 18:08		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111824

Review By	yogesh	Review On	11/19/2024 9:13:18 AM		
Supervise By	Ankita	Supervise On	11/19/2024 4:48:08 PM		
SubDirectory	PL111824	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PSTDCCC050	PSTDCCC050	PL093134.D	18 Nov 2024 18:21		AR\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM		
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM		
SubDirectory	PL111924	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL093135.D	19 Nov 2024 12:18		AR\AJ	Ok
2	I.BLK	I.BLK	PL093136.D	19 Nov 2024 12:44		AR\AJ	Ok
3	PEM	PEM	PL093137.D	19 Nov 2024 12:57		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL093138.D	19 Nov 2024 13:25		AR\AJ	Ok,M
5	PB165046BS	PB165046BS	PL093139.D	19 Nov 2024 13:52		AR\AJ	Ok,M
6	PB165046BL	PB165046BL	PL093140.D	19 Nov 2024 14:05		AR\AJ	Ok
7	P4860-01	DUP-01	PL093141.D	19 Nov 2024 14:18		AR\AJ	Ok,M
8	P4860-02	PH2-BOT-001	PL093142.D	19 Nov 2024 14:31		AR\AJ	Ok,M
9	P4860-09	PH2-BOT-006	PL093143.D	19 Nov 2024 14:44		AR\AJ	Ok,M
10	P4860-10	PH2-BOT-005	PL093144.D	19 Nov 2024 14:57		AR\AJ	Ok,M
11	P4860-07	PH2-BOT-008	PL093145.D	19 Nov 2024 15:11		AR\AJ	Ok,M
12	P4860-08	PH2-BOT-007	PL093146.D	19 Nov 2024 15:24		AR\AJ	Ok,M
13	P4860-08MS	PH2-BOT-007MS	PL093147.D	19 Nov 2024 15:37		AR\AJ	Ok,M
14	P4860-08MSD	PH2-BOT-007MSD	PL093148.D	19 Nov 2024 15:50		AR\AJ	Ok,M
15	P4889-01DL	VNJ-228DL	PL093149.D	19 Nov 2024 16:03		AR\AJ	Ok,NR
16	P4889-05	#72-11930	PL093150.D	19 Nov 2024 16:16	Need 2x Dilution	AR\AJ	Dilution
17	P4889-05DL	#72-11930DL	PL093151.D	19 Nov 2024 16:30		AR\AJ	Ok,M
18	I.BLK	I.BLK	PL093152.D	19 Nov 2024 16:43		AR\AJ	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL111924

Review By	yogesh	Review On	11/20/2024 8:00:21 AM		
Supervise By	Ankita	Supervise On	11/20/2024 12:01:41 PM		
SubDirectory	PL111924	HP Acquire Method		HP Processing Method	PL102824

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PSTDCCC050	PSTDCCC050	PL093153.D	19 Nov 2024 16:56		AR\AJ	Ok,M
20	PB165083BL	PB165083BL	PL093154.D	19 Nov 2024 17:22		AR\AJ	Ok
21	PB165083BS	PB165083BS	PL093155.D	19 Nov 2024 17:36	Recovery Fail in delta-BHC-I	AR\AJ	Not Ok
22	P4893-01	MH-763	PL093156.D	19 Nov 2024 17:49		AR\AJ	Ok,M
23	P4893-05	MH-762	PL093157.D	19 Nov 2024 18:02	need cleanup	AR\AJ	Not Ok
24	P4908-01	SP-1	PL093158.D	19 Nov 2024 18:15		AR\AJ	Ok,M
25	P4908-03	SP-2	PL093159.D	19 Nov 2024 18:28		AR\AJ	Ok,M
26	P4909-01	BU-02-111824	PL093160.D	19 Nov 2024 18:41		AR\AJ	Ok,M
27	P4910-01	MH-COTTAGE	PL093161.D	19 Nov 2024 18:55		AR\AJ	Ok,M
28	P4910-01MS	MH-COTTAGEMS	PL093162.D	19 Nov 2024 19:08		AR\AJ	Ok,M
29	P4910-01MSD	MH-COTTAGEMSD	PL093163.D	19 Nov 2024 19:21		AR\AJ	Ok,M
30	P4910-05	MH-759	PL093164.D	19 Nov 2024 19:34		AR\AJ	Ok
31	I.BLK	I.BLK	PL093165.D	19 Nov 2024 19:48		AR\AJ	Ok
32	PSTDCCC050	PSTDCCC050	PL093166.D	19 Nov 2024 20:01		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB165046

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: RJ

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/18/2024

Extraction Start Time : 08:20

Extraction End Date : 11/18/2024

Extraction End Time : 11:20

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23928
Surrogate	1.0ML	200 PPB	PP23858
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2561
Baked Na2SO4	N/A	EP2562
Sand	N/A	E2865
Hexane	N/A	E3826
Florisil	N/A	E3806
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/18/24	RP (Ext Lab)	AJ | GST PCA Cees
11:25	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB165046

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 11/18/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165046BL	PBLK046	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U7-1
PB165046BS	PLCS046	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
P4860-01	DUP-01	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		3
P4860-02	PH2-BPT-001	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		4
P4860-03	PH2-BPT-002	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		5
P4860-04	PH2-BPT-003	Pesticide-TCL	30.10	N/A	ritesh	Evelyn	10	E		6
P4860-05	PH2-BPT-004	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		U1-1
P4860-06	PH2-BPT-009	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		2
P4860-07	PH2-BPT-008	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
P4860-08	PH2-BPT-007	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	E		4
P4860-08MS	PH2-BPT-007MS	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
P4860-08MSD	PH2-BPT-007MSD	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
P4860-09	PH2-BPT-006	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		U5-1
P4860-10	PH2-BPT-005	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		2
P4869-01	EO-02-11152024	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		3
P4887-01	MH-739	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	D		4
P4887-05	MH-760	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	D		5
P4889-01	VNJ-228	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		6
P4889-03	#72-11978	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	E		U6-1
P4889-05	#72-11930	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		2

* **Extracts relinquished on the same date as received.**

11/19/24

185508 8:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p4869 **WorkList ID :** 185508 **Department :** Extraction **Date :** 11-18-2024 08:13:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4860-01	DUP-01	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-02	PH2-BPT-001	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-03	PH2-BPT-002	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-04	PH2-BPT-003	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-05	PH2-BPT-004	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-06	PH2-BPT-009	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-07	PH2-BPT-008	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-08	PH2-BPT-007	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-09	PH2-BPT-006	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4860-10	PH2-BPT-005	Solid	Pesticide-TCL	Cool 4 deg C	CORN02	L41	11/14/2024	8081B
P4869-01	EO-02-11152024	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	M11	11/15/2024	8081B
P4887-01	MH-739	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4887-05	MH-760	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-01	VNJ-228	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-03	#72-11978	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B
P4889-05	#72-11930	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	M11	11/15/2024	8081B

Date/Time 11/18/24 8:15
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by:

Date/Time 11/18/24 8:45
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	P4860	**OrderDate:**	11/14/2024 1:36:41 PM
Client:	Tetra Tech	**Project:**	Ocean County Landfill 2024
Contact:	John Giuliano	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4860-01	**DUP-01**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-02	**PH2-BOT-001**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/19/24	
			EPH	NJEPH		11/16/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-03	**PH2-BOT-002**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-04	**PH2-BOT-003**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-05	**PH2-BOT-004**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	
P4860-06	**PH2-BOT-009**	**SOIL**			**11/14/24**			**11/14/24**
			PCB	8082A		11/18/24	11/19/24	
			Pesticide-TCL	8081B		11/18/24	11/18/24	
			EPH	NJEPH		11/16/24	11/19/24	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

P4860-07	**PH2-BOT-008**	**SOIL**			**11/14/24**		**11/14/24**
			PCB	8082A		11/18/24	11/19/24
			Pesticide-TCL	8081B		11/18/24	11/19/24
			EPH	NJEPH		11/16/24	11/19/24
P4860-08	**PH2-BOT-007**	**SOIL**			**11/14/24**		**11/14/24**
			PCB	8082A		11/18/24	11/19/24
			Pesticide-TCL	8081B		11/18/24	11/19/24
			EPH	NJEPH		11/16/24	11/19/24
P4860-09	**PH2-BOT-006**	**SOIL**			**11/14/24**		**11/14/24**
			PCB	8082A		11/18/24	11/19/24
			Pesticide-TCL	8081B		11/18/24	11/19/24
			EPH	NJEPH		11/16/24	11/19/24
P4860-10	**PH2-BOT-005**	**SOIL**			**11/14/24**		**11/14/24**
			PCB	8082A		11/18/24	11/19/24
			Pesticide-TCL	8081B		11/18/24	11/19/24
			EPH	NJEPH		11/16/24	11/19/24